

विदेह VIDEHA

BPSC सामान्य अध्ययन

BPSC General Studies

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खण्ड २ / २ · Volume 2 of 2

सम्पादक / लेखक: गजेन्द्र ठाकुर

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१. BPSC General Studies Prelims Quiz (1992-2023)

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२. Videha eLearning Quiz

९ प्रश्न

प्रत्येक अध्यायक प्रश्न-खण्डक बाद ओहि अध्यायक उत्तरमाला (उत्तर ओ व्याख्या) देल गेल अछि।

In each chapter, the answer key with explanations (उत्तरमाला) follows the questions.

अध्याय १ : BPSC General Studies Prelims Quiz (1992-2023)

66th B.P.S.C. (Pre) Exam 27.12.2020

१. The radiations used in the treatment of muscle ache are

- (A) infrared
- (B) microwave
- (C) UV
- (D) X-ray
- (E) None of the above/More than one of the above

२. The total resistance of a circuit having two parallel resistors is 1.403 kilo-ohm. If one of the resistors is 2.0 kilo-ohm, then the other resistor will be

- (A) 1.403 kilo-ohm
- (B) 2.0 kilo-ohm
- (C) 3.403 kilo-ohm
- (D) 4.70 kilo-ohm
- (E) None of the above/More than one of the above

३. On heating, the resistance of a semiconductor

- (A) increases
- (B) decreases
- (C) remains same
- (D) first increases and then decreases
- (E) None of the above/More than one of the above

४. Faraday constant

- (A) depends on the amount of the electrolyte
- (B) depends on the current passed in the electrolyte
- (C) depends on the volume of the solvent in which the electrolyte is solved
- (D) is a universal constant
- (E) None of the above/More than one of the above

५. 'Light-year' is a unit of

- (A) time
- (B) speed
- (C) distance
- (D) intensity of light
- (E) None of the above/More than one of the above

६. Which of the following does not change when light travels from one medium to another?

- (A) Velocity
- (B) Wavelength
- (C) Frequency
- (D) Refractive index
- (E) None of the above/More than one of the above

9. The velocity of electromagnetic waves is

- (A) $3 \times 10^8 \text{ ms}^{-1}$
- (B) $3 \times 10^7 \text{ ms}^{-1}$
- (C) $3 \times 10^6 \text{ ms}^{-1}$
- (D) $3 \times 10^5 \text{ ms}^{-1}$
- (E) None of the above/More than one of the above

10. The first man who placed his foot on the moon is

- (A) Leonov
- (B) Neil Armstrong
- (C) Michael Collins
- (D) James Van Allen
- (E) None of the above/More than one of the above

11. The highest viscosity among the following is of

- (A) water
- (B) air
- (C) blood
- (D) honey
- (E) None of the above/More than one of the above

12. Milk is a poor source of

- (A) calcium
- (B) protein
- (C) vitamin C
- (D) carbohydrate
- (E) None of the above/More than one of the above

13. The breath test conducted by police to check drunken driver has which one of the following on the filter paper?

- (A) Potassium dichromate-sulfuric acid
- (B) Potassium permanganate- sulfuric acid
- (C) Silica gel coated with silver nitrate
- (D) Turmeric
- (E) None of the above/More than one of the above

14. Glucose is converted to ethyl alcohol by the enzyme

- (A) maltase
- (B) invertase
- (C) zymase
- (D) diastase
- (E) None of the above/More than one of the above

15. Limewater is turned milky by

- (A) CO
- (B) CO₂
- (C) O₂
- (D) O₃
- (E) None of the above/More than one of the above

୧୪. The incomplete burning of petrol and diesel produces

- (A) nitric oxide
- (B) nitrogen dioxide
- (C) carbon dioxide
- (D) carbon monoxide
- (E) None of the above/More than one of the above

୧୫. The pH of a solution changes from 3 to 6. The H^+ ion concentration will

- (A) Increase 3 times
- (B) decrease 3 times
- (C) decrease 10 times
- (D) decrease 1000 times
- (E) None of the above/More than one of the above

୧୬. A mixture of sand and naphthalene can be separated by

- (A) sublimation
- (B) distillation
- (C) chromatography
- (D) fractional distillation
- (E) None of the above/More than one of the above

୧୭. The numbers of sigma and pi bonds in benzene are

- (A) 3, 3
- (B) 3, 6
- (C) 12, 3
- (D) 12, 6
- (E) None of the above/More than one of the above

୧୮. The elements present in urea are

- (A) C, H, O
- (B) C, N, O
- (C) C, H, N
- (D) C, H, N, O
- (E) None of the above/More than one of the above

୧୯. The poorest conductor of heat among the following is

- (A) copper
- (B) lead
- (C) mercury
- (D) zinc
- (E) None of the above/More than one of the above

୨୦. The vitamin which is effective in blood clotting is

- (A) vitamin A
- (B) vitamin B
- (C) vitamin D
- (D) vitamin K
- (E) None of the above/More than one of the above

२१. The female sex hormone is

- (A) estrogen
- (B) androgen
- (C) insulin
- (D) oxytocin
- (E) None of the above/More than one of the above

२२. The Nobel Prize for developing treatment of Parkinson's disease was given to

- (A) Arvid Carlsson
- (B) John F. Enders
- (C) Robert B. Laughlin
- (D) Walter Kohn
- (E) None of the above/More than one of the above

२३. The malfunctioning of thyroid gland is due to the deficiency of

- (A) vitamin A
- (B) calcium
- (C) iodine
- (D) iron
- (E) None of the above/More than one of the above

२४. The sensitive area of the human tongue to bitterness is

- (A) tip
- (B) middle part
- (C) posterior part
- (D) edge
- (E) None of the above/More than one of the above

२५. Ginger is a stem and not root because

- (A) it stores food material
- (B) it has nodes and internodes
- (C) it grows horizontally in the soil
- (D) it lacks chlorophyll
- (E) None of the above/More than one of the above

२६. The sweetest sugar among the following is

- (A) fructose
- (B) glucose
- (C) maltose
- (D) sucrose
- (E) None of the above/More than one of the above

२७. Among the following, which is not a true fruit?

- (A) Apple
- (B) Grape
- (C) Date
- (D) Plum
- (E) None of the above/More than one of the above

३८. Legumes are highly nutritious because they are rich in

- (A) Fat
- (B) Protein
- (C) Oil
- (D) Starch
- (E) None of the above/More than one of the above

३९. Clove, a spice, is obtained from which part of the plant?

- (A) Fruit
- (B) Stem
- (C) Root
- (D) Flower bud
- (E) None of the above/More than one of the above

३०. Who has been appointed by the board of control for cricket in India as the head of All India women's Selection Committee?

- (A) Mithu Mukherjee
- (B) Neetu David
- (C) Renu Margrate
- (D) V. Kalpana
- (E) None of the above/More than one of the above

३१. Who has won the Women's Singles US Open Tennis Tournament, 2020?

- (A) Naomi Osaka
- (B) Bianca Andreescu
- (C) Sofia Kenin
- (D) K. Pliskova
- (E) None of the above/More than one of the above

३२. Which athlete scored first position in the London Marathon held on 4th October, 2020?

- (A) Eluid Kipchoge
- (B) Shura Kitata
- (C) Vincent Kipchumba
- (D) Sisay Lemma
- (E) None of the above/More than one of the above

३३. Which Indian cricketer along with M.S. Dhoni announced retirement from the International Cricket on 15th August, 2020?

- (A) Suresh Raina
- (B) Harbhajan Singh
- (C) Bhuvneshwar Kumar
- (D) Rohit Sharma
- (E) None of the above/More than one of the above

३४. Who has been appointed as the Chairperson of the National School of Drama recently?

- (A) Mahesh Bhatt
- (B) Akshay Kumar
- (C) Anupam Kher
- (D) Paresh Rawal
- (E) None of the above/More than one of the above

३५. Who is the Chairman of the Defence Research and Development Organization?

- (A) Surjeet Singh Deswal
- (B) Dr. G. Satheesh Reddy
- (C) Arvind Saxena
- (D) Charanjit Singh Attra
- (E) None of the above/More than one of the above

३६. For which discipline, Dr. Bushra Ateeq and Dr. Ritesh Agarwal have been selected for Shanti Swarup Bhatnagar Prize, 2020?

- (A) Chemical Science
- (B) Physical Science
- (C) Medical Science
- (D) Mathematical Science
- (E) None of the above/More than one of the above

३७. Who has been selected for the Nobel Peace Prize, 2020?

- (A) European Union
- (B) World Food Programme
- (C) Robert B. Wilson
- (D) Paul R. Milgrom
- (E) None of the above/More than one of the above

३८. Which Indian Film actor has been included in the Time Magazine's list of hundred most influential people of 2020?

- (A) Ayushmann Khurrana
- (B) Shahrukh Khan
- (C) Ajay Devgan
- (D) Sunny Deol
- (E) None of the above/More than one of the above

३९. How many Indian beaches have been recommended for the Blue Flag Certification recently?

- (A) Six
- (B) Seven
- (C) Eight
- (D) Nine
- (E) None of the above/More than one of the above

४०. Ram Vilas Paswan started his political career from which political party?

- (A) Janata Party
- (B) Bharatiya Lok Dal
- (C) Samyukta Socialist Party
- (D) Praja Socialist Party
- (E) None of the above/More than one of the above

४१. When Did the Election Commission of India issue a Press Note for the General Election to the Legislative Assembly of Bihar, 2020?

- (A) 23rd September, 2020
- (B) 24th September, 2020
- (C) 25th September, 2020
- (D) 26th September, 2020
- (E) None of the above/More than one of the above

82. In Which state, 'Ghar Tak Fiber' Scheme has been launched on 21st September, 2020 through video conference?

- (A) Uttar Pradesh
- (B) Madhya Pradesh
- (C) Bihar
- (D) Karnataka
- (E) None of the above/More than one of the above

83. Bihar Politician Late Raghuvansh Prasad Singh was for the first time elected to which Lok Sabha?

- (A) Tenth Lok Sabha
- (B) Eleventh Lok Sabha
- (C) Twelfth Lok Sabha
- (D) Thirteenth Lok Sabha
- (E) None of the above/More than one of the above

84. Which among the following is not a member of the Quadrilateral Security Dialogue-an informal strategic forum?

- (A) India
- (B) Japan
- (C) China
- (D) Australia
- (E) None of the above/More than one of the above

85. Who represented India's per- spective in the Fifth BRICS Culture Ministers' Meeting held through a video conference in September 2020?

- (A) Prahlad Singh Patel
- (B) Ramesh Pokhriyal Nishank
- (C) Nitin Gadkari
- (D) Ravi Shankar Prasad
- (E) None of the above/More than one of the above

86. Where was the 36th ASEAN Summit virtually held in June 2020?

- (A) Thailand
- (B) Singapore
- (C) Indonesia
- (D) Vietnam
- (E) None of the above/More than one of the above

87. Which of the following has topped in the Human Capital Index 2020?

- (A) Japan
- (B) South Korea
- (C) Singapore
- (D) Hong Kong
- (E) None of the above/More than one of the above

88. Recently in USA, 'Operation MAGA' is related to

- (A) Campaign against COVID-19
- (B) Donald Trump's re-election campaign
- (C) Joseph Biden's election Campaign
- (D) 'make army great again' Campaign
- (E) None of the above/More than one of the above

89. Which Arab state has started first nuclear power plant?

- (A) Iraq
- (B) Saudi Arabia
- (C) United Arab Emirates
- (D) Egypt
- (E) None of the above/More than one of the above

90. Which was the first Arab State to sign peace deal with Israel?

- (A) Egypt
- (B) Jordan
- (C) Bahrain
- (D) Sudan
- (E) None of the above/More than one of the above

91. Which Country assumed the role of Chairman of the International Labour Organization's Governing Body for the period of October 2020 till June 2021?

- (A) Japan
- (B) New Zealand
- (C) Australia
- (D) India
- (E) None of the above/More than one of the above

92. 'Operation My Saheli' launched in September 2020 aims

- (A) to encourage self-defence education among girls
- (B) to boost the security of women Passengers in trains
- (C) to explore new job Opportunities for women
- (D) to boost awareness against girl Child Labour
- (E) None of the above/More than one of the above

93. On the occasion of the first anniversary of the Fit India Movement, Who gave the mantra, 'Fitness ki Dose, Aadha Ghanta Roz (Fitness Dose, Half an Hour Daily)'?

- (A) Prime Minister Narendra Modi
- (B) Union Home Minister Amit Shah
- (C) Union Health Minister Dr. Harsh Vardhan
- (D) Yoga Guru Baba Ramdev
- (E) None of the above/More than one of the above

94. On the One Hundred Birth Anniversary of rajmata Vijaya Raje Scindia, Prime Minister Narendra Modi Released a

- (A) Fifty Rupees Coin
- (B) Fifty Rupees Note
- (C) One hundred Rupees Coin
- (D) One hundred Rupees Note
- (E) None of the above/More than one of the above

95. Which state's short documentary film, Chi Lupo has won Dada Saheb Phalke Award, 2020?

- (A) Manipur
- (B) Nagaland
- (C) Meghalaya
- (D) Arunachal Pradesh
- (E) None of the above/More than one of the above

५६. Which private Sector Bank has Launched 'e-kisaan Dhan' app for farmers?

- (A) Axis Bank
- (B) HDFC Bank
- (C) IDBI Bank
- (D) Kotak Mahindra Bank
- (E) None of the above/More than one of the above

५७. At the international airport of which city India launched its first COVID-19 testing facility?

- (A) Kolkata
- (B) Delhi
- (C) Mumbai
- (D) Bengaluru
- (E) None of the above/More than one of the above

५८. Rafale fighter aircraft has been formally inducted into the Indian Air Force at which Air Force Station?

- (A) Hindon
- (B) Sarsawa
- (C) Ambala
- (D) Amritsar
- (E) None of the above/More than one of the above

५९. The name of India's first indigenous anti-radiation missile is

- (A) Tandav
- (B) Trinetra
- (C) Saksham
- (D) Rudram
- (E) None of the above/More than one of the above

६०. In which of the following Harappan cities, furrows of ploughed fields have been found?

- (A) Kailbangan
- (B) Dholavira
- (C) Mohenjo-daro
- (D) Lothal
- (E) None of the above/More than one of the above

६१. Triratna or Three Jewels, i.e., right knowledge, right faith and right action are related to which of the following?

- (A) Buddhism
- (B) Hinduisim
- (C) Jainism
- (D) Christianity
- (E) None of the above/More than one of the above

६२. Which of the following rulers convened the Fourth Buddhist Council in Kashmir?

- (A) Ashoka
- (B) Ajatashatru
- (C) Kanishka
- (D) Kalashoka
- (E) None of the above/More than one of the above

६३. Which of the following philosophies of India propounded the atom theory?

- (A) Yoga
- (B) Nyaya
- (C) Sankhya
- (D) Vaisheshika
- (E) None of the above/More than one of the above

६४. Which Delhi Sultan is known for adoptiong the 'blood and iron' policy?

- (A) Iltutmish
- (B) Balban
- (C) Ala-ud-din Khalji
- (D) Muhammad bin Tughluq
- (E) None of the above/More than one of the above

६५. Which medieval Indian empire was famous for elaborated local self-government?

- (A) Chalukya
- (B) Chola
- (C) Solanki
- (D) Parmar
- (E) None of the above/More than one of the above

६६. Pietra dura is related to which of the Following?

- (A) Decorating the walls with floral designs made of semi-precious stones
- (B) Building sloping walls in Minars
- (C) Use of arch in Construction
- (D) Use of marble in buildings
- (E) None of the above/More than one of the above

६७. Which Mughal ruler established Karkhanas for painting?

- (A) Humayun
- (B) Akbar
- (C) Jahangir
- (D) Shah Jahan
- (E) None of the above/More than one of the above

६८. The dual system of governance in Bengal was enforced by

- (A) Warren Hastings
- (B) William Bentinck
- (C) Robert Clive
- (D) Lord Curzon
- (E) None of the above/More than one of the above

६९. Who among the following participated in the Parliament of Religions held at Chicago in 1893?

- (A) Dayananda Saraswati
- (B) Swami Vivekananda
- (C) Mahatma Gandhi
- (D) Raja Rammohan Roy
- (E) None of the above/More than one of the above

७०. Who established Swaraj Party in 1923?

- (A) Mahatma Gandhi
- (B) Vallabhbhai Patel
- (C) C. R. Das and Motilal Nehru
- (D) B. R. Ambedkar
- (E) None of the above/More than one of the above

७१. Who wrote the famous play, Neel Darpan in which oppression of indigo farmers is displayed?

- (A) Sharat Chandra Chatterjee
- (B) Rabindranath Tagore
- (C) Barindra Ghosh
- (D) Dinabandhu Mitra
- (E) None of the above/More than one of the above

७२. The famous Battle of Wandiwash in 1760 was fought by the British against whom?

- (A) The French
- (B) Spain
- (C) Mysore
- (D) Carnatic
- (E) None of the above/More than one of the above

७३. Which of the following acts introduced separate electorate system in India?

- (A) The Regulating Act, 1773
- (B) The Charter Act, 1833
- (C) The Pitt's India Act, 1784
- (D) The Indian Councils Act, 1909
- (E) None of the above/More than one of the above

७४. Kol Mutiny of 1831 under Buddho Bhagat took place in which of the following regions?

- (A) Kutch
- (B) Singhbhum
- (C) Western Ghats
- (D) Satara
- (E) None of the above/More than one of the above

७५. Who spearheaded the 1857 Revolt in Bihar?

- (A) Nana Saheb
- (B) Tatya Tope
- (C) Kunwar Singh
- (D) Maulavi Ahmadullah
- (E) None of the above/More than one of the above

७६. Who drew Gandhiji's attention to the plight of Indigo peasants in Champaran?

- (A) Rajendra Prasad
- (B) Anugrah Narayan Sinha
- (C) Acharya Kripalani
- (D) Raj Kumar Shukla
- (E) None of the above/More than one of the above

99. Which was the first capital of ancient Mahajanapada Magadh?

- (A) Pataliputra
- (B) Vaishali
- (C) Champa
- (D) Anga
- (E) None of the above/More than one of the above

100. Swami Sahajananda was related to which of the following?

- (A) Tribal Movement in Bihar
- (B) Labour Movement in Bihar
- (C) Peasant Movement in Bihar
- (D) Caste Movement in Bihar
- (E) None of the above/More than one of the above

101. Which of the following was Gandhiji's first Satyagraha Movement in India in which he used Civil Disobedience?

- (A) Champaran
- (B) Kheda
- (C) Ahmedabad
- (D) Rowlatt Satyagraha
- (E) None of the above/More than one of the above

102. The largest island of Japan in terms of the geographical area is

- (A) Hokkaido
- (B) Honshu
- (C) Shikoku
- (D) Kyushu
- (E) None of the above/More than one of the above

103. Greenland is a part of which one of the following countries?

- (A) Denmark
- (B) Finland
- (C) Canada
- (D) United Kingdom
- (E) None of the above/More than one of the above

104. Which one of the following Countries of the world has the largest Indian Population as on December 2018?

- (A) United Arab Emirates
- (B) Malaysia
- (C) United Kingdom
- (D) United States of America
- (E) None of the above/More than one of the above

105. Among of the following countries which country has recorded the highest annual gold output (in tones) in 2019?

- (A) Russia
- (B) Australia
- (C) China
- (D) United States of America
- (E) None of the above/More than one of the above

८४. Among the following continents which one has the highest number of countries?

- (A) Europe
- (B) Asia
- (C) Africa
- (D) North America
- (E) None of the above/More than one of the above

८५. The State of India with the highest percentage of tribal population to its total population as per the 2011 Census is

- (A) Arunachal Pradesh
- (B) Nagaland
- (C) Mizoram
- (D) Meghalaya
- (E) None of the above/More than one of the above

८६. Which one of the following coffee-growing areas is not in Karnataka?

- (A) Chikmagalur
- (B) Coorg
- (C) Baba Budangin
- (D) Pulneys
- (E) None of the above/More than one of the above

८७. Which one of the following districts of India is the largest in terms of Geographical area?

- (A) Leh
- (B) Kutch
- (C) Jaisalmer
- (D) Barmer
- (E) None of the above/More than one of the above

८८. The State of India with maximum number of wildlife sanctuaries is

- (A) Karnataka
- (B) Tamil Nadu
- (C) Maharashtra
- (D) Madhya Pradesh
- (E) None of the above/More than one of the above

८९. Which of the following rivers flowing in Bihar is a north flowing river?

- (A) Bagmati
- (B) Kamla
- (C) Kosi
- (D) Gandak
- (E) None of the above/More than one of the above

९०. Atal Tunnel is across which one of the following Himalayan Ranges?

- (A) Zaskar
- (B) Western Pir Panjal
- (C) Ladakh
- (D) Eastern Pir Panjal
- (E) None of the above/More than one of the above

११. India's 13th major port is going to be set up in which states?

- (A) Kerala
- (B) Gujarat
- (C) Maharashtra
- (D) Tamil Nadu
- (E) None of the above/More than one of the above

१२. Which one of the following states is a leading producer of solar energy in India?

- (A) Telangana
- (B) Karnataka
- (C) Andhra Pradesh
- (D) Rajasthan
- (E) None of the above/More than one of the above

१३. Among the following pairs of mineral and district, which one is correctly matched?

- (A) Limestone - Kaimur
- (B) Mica - Bhagalpur
- (C) Quartzite - Madhubani
- (D) Lead - zinc - Gaya
- (E) None of the above/More than one of the above

१४. Which one of the following pairs of industry and Place is not correctly matched?

- (A) Oil refinery - Barauni
- (B) Cement - Banjari
- (C) Fertilizer - Bhaurahi
- (D) Wagon and engineering - Bhagalpur
- (E) None of the above/More than one of the above

१५. Piedmont Swamp Soil is found only in which one of the following districts of Bihar?

- (A) Madhubani
- (B) Bhagalpur
- (C) West Champaran
- (D) Sitamarhi
- (E) None of the above/More than one of the above

१६. Which one of the following pairs of Administrative Divisions of Bihar, Ganga river does not flow?

- (A) Darbhanga - Munger
- (B) Purnea - Bhagalpur
- (C) Tirhut - Saran
- (D) Kosi-Magadh
- (E) None of the above/More than one of the above

१७. Among the following pairs of tribe and district, which one is not correctly matched?

- (A) Santhal - Banka
- (B) Munda - Jamui
- (C) Oraon - Supaul
- (D) Kharwar - Bhagalpur
- (E) None of the above/More than one of the above

१८. What is the percentage of all types of forest area to the total geographical area of Bihar State?

- (A) 7.27
- (B) 6.87
- (C) 3.21
- (D) 12.77
- (E) None of the above/More than one of the above

१९. Which one of the following districts is having the only National Park of Bihar?

- (A) Nalanda
- (B) Bhagalpur
- (C) Champaran
- (D) East Champaran
- (E) None of the above/More than one of the above

१००. Who the bid to construct the new Parliament building recently?

- (A) L & T Limited
- (B) Reliance Projects Limited
- (C) Tata Projects Limited
- (D) The National Highways Authority of India
- (E) None of the above/More than one of the above

१०१. which Article in the Indian Constitution is related with the establishment of the Election Commission of India?

- (A) Article 324
- (B) Article 148
- (C) Article 342
- (D) Article 325
- (E) None of the above/More than one of the above

१०२. Who is the Head of the National Commission for women at present?

- (A) Mamta Sharma
- (B) Lalitha Kumaramangalam
- (C) Rekha Sharma
- (D) Smriti Irani
- (E) None of the above/More than one of the above

१०३. What is meant by 'Rule of Law'?

- (A) One act for all and one judiciary for all
- (B) One act for all and one State for all
- (C) One State for all and one judiciary for all
- (D) All acts for one and one judiciary for all
- (E) None of the above/More than one of the above

१०४. Which Article gives the list of 29 functions to be performed by the Panchayati Raj Institutions?

- (A) Article 243(H)
- (B) Article 243
- (C) Article 243(F)
- (D) Article 243(G)
- (E) None of the above/More than one of the above

१०५. When Was the citizenship (Amendment) Act passed?

- (A) 11th December, 2018
- (B) 11th December, 2019
- (C) 11th October, 2019
- (D) 11th October, 2020
- (E) None of the above/More than one of the above

१०६. The legislative Origins of the 73rd Constitutional Amendments Act can be traced back to which Constitutional Amendment Bill?

- (A) 61st Constitutional Amendment Bill
- (B) 62nd Constitutional Amend- ment Bill
- (C) 63rd Constitutional Amend- ment Bill
- (D) 64th Constitutional Amend- ment Bill
- (E) None of the above/More than one of the above

१०७. Which company established its factory in 1632 at Patna, Bihar?

- (A) British East India Company
- (B) Dutch East India company
- (C) Portuguese East India Com- pany
- (D) French East India Company
- (E) None of the above/More than one of the above

१०८. Which one of the following is not the characteristic of decentrali- zation?

- (A) Autonomy
- (B) People's Participation
- (C) To instil non-confidence among local Communities
- (D) To empower local communities
- (E) None of the above/More than one of the above

१०९. Which Act is not the landmark in the development of the Constitution during the British Rule?

- (A) The Regulating Act, 1773
- (B) The Charter Act, 1833
- (C) The Government of India Act.
- (D) The Protection of Civil Rights Act. 1955
- (E) None of the above/More than one of the above

११०. Which one among the following is not an objective of food management India?

- (A) Distribution of food grains
- (B) Procurement of food grains
- (C) Maintenance of food grains buffer Stock
- (D) Export of food grains
- (E) None of the above/More than one of the above

१११. Revenue deficit in India implies that

- (A) the Indian Government needs to borrow in order to finance its expenses which will create capital assets
- (B) the Indian Government needs to borrow in order to finance its expenses which do not create capital assets
- (C) the Indian Government needs to borrow from the Reserve Bank of India against government securities
- (D) the Indian Government needs to borrow from international financial institutions
- (E) None of the above/More than one of the above

११३. Which one of the following countries is India's top trading partner in 2019-20?

- (A) USA
- (B) China
- (C) UAE
- (D) Saudi Arabia
- (E) None of the above/More than one of the above

११३. Which of the following infrastructure sectors of India is related with Bharatmala Project?

- (A) Telecom Sector
- (B) Railways
- (C) Road Infrastructure
- (D) Port Sector
- (E) None of the above/More than one of the above

११४. Which of the following agencies release the index industrial production to measure Industrial Performance in India?

- (A) The National Sample Survey Office (NSSO)
- (B) The Reserve Bank of India (RBI)
- (C) The Central Statistics Office (CSO)
- (D) The Indian Statistical Institute (ISI)
- (E) None of the above/More than one of the above

११५. According to the Ease of Doing Business Report, 2020, India improved their rank from

- (A) 77 in previous year to 63rd position
- (B) 130 in previous year to 100th position
- (C) 100 in previous year to 77th position
- (D) 77 in previous year to 67th position
- (E) None of the above/More than one of the above

११६. To improve institutional agricultural credits flow, what credit target for 2020-21 has been fixed in the Union Budget of India?

- (A) ` 10 lakh crore
- (B) ` 13.5 lakh crore
- (C) ` 15 lakh crore
- (D) ` 16.5 lakh crore
- (E) None of the above/More than one of the above

११७. The Objective of PM-KUSUM Scheme is

- (A) to reduce farmers' dependence on monsoon for irrigation
- (B) to reduce farmers' dependence on moneylenders for credit
- (C) promotion of floriculture in India
- (D) to remove farmers' dependence on diesel and kerosene and to link pump sets to solar energy
- (E) None of the above/More than one of the above

११८. Which of the following commercial banks of India comes in top 100 global banks?

- (A) ICICI Bank
- (B) SBI
- (C) HDFC Bank
- (D) Kotak Mahindra Bank
- (E) None of the above/More than one of the above

११९. The Government of India announced a new scheme 'NIR- VIK' in the Budget for 2020-21. Which of the following sectors of economy will take the benefit from this scheme?

- (A) Agriculture sector
- (B) Industrial Sector
- (C) Health Sector
- (D) Export Sector
- (E) None of the above/More than one of the above

१२०. Bihar Government has introduced the comprehensive Financial Management System (CFMS) on 1st April, 2019. This System

- (A) will make all financial activities in the state online and paperless
- (B) will solve the problem of NPA of banks
- (C) will ensure effective implementation of State projects
- (D) will manage State Government finance including local bodies
- (E) None of the above/More than one of the above

१२१. The government of India conferred the Krishi Karman Award to Bihar State on 2nd January, 2020. This award was given for

- (A) Production and productivity of maize and wheat
- (B) food grain production
- (C) production of rice
- (D) production of oilseeds
- (E) None of the above/More than one of the above

१२२. Bihar government launched a new scheme 'Satat Jivikoparjan Yojana' in August 2018. The Objective of this scheme is

- (A) to provide unemployment allowance to youth
- (B) to provide employment in rural areas through local bodies
- (C) to provide sustainable income generating assets to extremely poor households
- (D) to provide free training for skill upgradation of youth
- (E) None of the above/More than one of the above

१२३. Which of the following is not included in Seven Resolves (Saat Nishchay) of Bihar Government?

- (A) Women Employment
- (B) Clean Drinking Water
- (C) Supply of electricity to all households
- (D) Child Welfare
- (E) None of the above/More than one of the above

१२४. The per capita Net State Domestic Product at constant prices for Bihar is less than the country. In the year 2018-19, it was

- (A) 75 percent of the national average
- (B) 60 percent of the national average
- (C) 50 percent of the national average
- (D) 33 percent of the national average
- (E) None of the above/More than one of the above

१२५. In which of the following colleges Gandhiji has studied?

- (A) Samaldas College, Bhavnagar
- (B) Dharmendrasinhji College, Rajkot
- (C) Gujarat College, Ahmedabad
- (D) Bahauddin College, Junagadh
- (E) None of the above/More than one of the above

१२६. Which of the following persons had participated actively in the revolt of 1857?

- (A) Nana Saheb (Kanpur)
- (B) Begum Hazrat Mahal (Lucknow)
- (C) Maulavi Ahmadullah (Faizabad)
- (D) Begum Zeenat Mahal (Delhi)
- (E) None of the above/More than one of the above

१२७. About which Act, Jawaharlal Nehru Had said, "We were provided with a car with all brakes and no engine"?

- (A) Act of 1858
- (B) Act of 1909
- (C) Act of 1919
- (D) Act of 1935
- (E) None of the above/More than one of the above

१२८. For how many days did Dandi March last?

- (A) 10 Days
- (B) 20 Days
- (C) 24 Days
- (D) 30 Days
- (E) None of the above/More than one of the above

१२९. Who is the author of the popular song, sarfaroshi Ki Tamanna Ab Hamare Dil Mein Hai?

- (A) Surya Sen
- (B) Chandra shekhar Azad
- (C) Sardar Bhagat Singh
- (D) Ram Prasad Bismil
- (E) None of the above/More than One of the above

१३०. Which movement was started as a reaction to the Partition of Bengal?

- (A) Non-Cooperation Movement
- (B) CviI Disobedience Movement
- (C) Swadeshi Movement
- (D) Puma Swaraj Movement
- (E) None of the above/More than one of the above

१३१. Who among the following advo- cates had appeared for the INA trials at Delhi in 1945-46?

- (A) Dr. Rajendra Prasad
- (B) Bhulabhai Desaj
- (C) K. M. Munshi
- (D) Sardar Patel
- (E) None of the above/More than one of the above

१३३. Where did Madam Cama unfurl India's tricolour flag of freedom?

- (A) Paris
- (B) London
- (C) Stuttgart
- (D) Geneva
- (E) None of the above/More than one of the above

१३४. Which of the following pairs is correct?

- (A) Vinoba Bhave - Second Individual Satyagrahi
- (B) C. R. Das - Deshbandhu
- (C) William Wedderburn - Congress President in 1907
- (D) Shyamji Krishna Varma - Founder of India House in Paris
- (E) None of the above/More than one of the above

१३५. Which day was declared as 'Pur- na Swaraj Day' by the Indian National Congress?

- (A) 26-01-1930
- (B) 15-08-1947
- (C) 30-01-1948
- (D) 31-12-1950
- (E) None of the above/More than one of the above

१३६. In Tinkathia System in Bihar, how much land was to be reserved for indigo cultivation?

- (A) 01/10
- (B) 01/03
- (C) 03/20
- (D) 03/25
- (E) None of the above/More than one of the above

१३७. Who was the first Chief Minister of Bihar?

- (A) Shri Krishna Singh
- (B) Satya Pal Malik
- (C) Nitish Kumar
- (D) Rabri Devi
- (E) None of the above/More than one of the above

१३८. Where was the first Congress Session in Bihar held?

- (A) Patna
- (B) Gaya
- (C) Muzaffarpur
- (D) Darbhanga
- (E) None of the above/More than one of the above

१३९. Which title was given to Jayaprakash Narayan?

- (A) Praja Hitechhu
- (B) Lok Nayak
- (C) Lokmanya
- (D) Rashtra Nayak
- (E) None of the above/More than one of the above

१३९. If the average of m numbers is n^2 and that of n numbers is m^2 , then the average of $m + n$ numbers is

- (A) n/m
- (B) m/n
- (C) mn
- (D) $m - n$
- (E) None of the above/More than one of the above

१४०. Mohan can do a bit of work in 25 days which can be completed by Sohan in 20 days. Both together labour for 5 days and afterward Mohan leaves off. How long will Sohan take to complete the remaining work?

- (A) 20 days
- (B) 11 days
- (C) 14 days
- (D) 21 days
- (E) None of the above/More than one of the above

१४१. Given that $217x + 131y = 913$ $131x + 217y = 827$ Then x and y are respectively

- (A) 5 and 7
- (B) 3 and 2
- (C) -5 and -7
- (D) 2 and 5
- (E) None of the above/More than one of the above

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१४२. Which of the following is a Parliamentary Committee relating to delegation of power to make rules and regulations to the Executive?

- (A) Committee on Executive Legislation
- (B) Committee on Subordinate Legislation
- (C) Committee on Administrative Legislation
- (D) Committee on Delegated Legislation
- (E) None of the above/More than one of the above

१४३. Article 300 of the Indian Constitution deals with

- (A) suits and proceedings
- (B) government contracts
- (C) Attorney General
- (D) restrictions on trade and commerce
- (E) None of the above/More than one of the above

१४४. Judicial process in India is based on

- (A) the Constitution
- (B) the due process of routine law
- (C) conventions
- (D) the procedure established by law
- (E) None of the above/More than one of the above

१४५. The first 'Lokayukta' was established in which of the following States?

- (A) Odisha
- (B) Kerala
- (C) Maharashtra
- (D) Punjab
- (E) None of the above/More than one of the above

१४६. Which of the following posts was held by A. S. Anand in late 1990's? B.P.S.C. (Pre)

- (A) Comptroller and Auditor General
- (B) Chief Justice of India
- (C) Chief Vigilance Commissioner
- (D) Attorney General
- (E) None of the above/More than one of the above

१४७. Which of the following is not a part of the Eleventh Schedule of the Constitution?

- (A) Libraries
- (B) Fuel and Fodder
- (C) Rural Sports
- (D) Technical Training
- (E) None of the above/More than one of the above

१४८. The members of a State Legislative Council are not chosen by which of the following categories of persons?

- (A) Members of the local bodies/ Panchayats
- (B) Teachers
- (C) Graduates
- (D) Industrialists
- (E) None of the above/More than one of the above

१४९. The 'split system' in the Indian administration relates to

- (A) Audit/Accounts
- (B) Union/States
- (C) Policy/Implementation
- (D) All India Services/Central Services
- (E) None of the above/More than one of the above

१५०. With reference to the Finance Commission of India, consider the following statements: 1. The Finance Commission is a statutory body. 2. The Finance Commission was set up under Article 280 of the Constitution. 3. The recommendations made by the Finance Commission are only advisory in nature. 4. The first Finance Commission was set up in 1950. Which of the above statements are correct?

- (A) 1 and 4 only
- (B) 3 and 4 only
- (C) 2 and 3 only
- (D) 2 and 4 only
- (E) None of the above/More than one of the above

१५१. With reference to the Bare Necessities Index (BNI), consider the following statements: 1. The economic survey has come up with the Bare Necessities Index at rural and urban levels. 2. The BNI has been created for all States for 2018 only. 3. The BNI is based on 26 indicators. 4. The BNI consists of six dimensions. Which of the above statements are correct?

- (A) 1 and 3 only
- (B) 2 and 3 only
- (C) 1 and 4 only
- (D) 2 and 4 only
- (E) None of the above/More than one of the above

१५२. Which type of banks is proposed to be established for agriculture and rural development in Bihar?

- (A) Krishi Vigyan Banks
- (B) Krishi Yantra Banks
- (C) Krishi Vikas Banks
- (D) Krishi Utthaan Banks
- (E) None of the above/More than one of the above

१५३. The value of Human Development Index of Bihar in 2019 was

- (A) 0.641
- (B) 0.613
- (C) 0.596
- (D) 0.574
- (E) None of the above/More than one of the above

१५४. The fiscal deficit in Bihar during 2021-22 is estimated as

- (A) ` 22,511 crores
- (B) ` 27,617 crores
- (C) ` 20,011 crores
- (D) ` 21,543 crores
- (E) None of the above/More than one of the above

१५५. Under Digital Bihar Programme, which students will receive computer education and training from 2021-22 onwards?

- (A) All students of Class V
- (B) All students of Class VI
- (C) All students of Class VII
- (D) All students of Class VIII
- (E) None of the above/More than one of the above

१५६. According to the 15th Finance Commission's recommendations, how much share will Bihar receive in divisible pool of Central taxes from 2021-26?

- (A) 4.12 percent
- (B) 4.23 percent
- (C) 4.89 percent
- (D) 4.06 percent
- (E) None of the above/More than one of the above

१५७. Who among the following is not a member of the 15th Finance Commission?

- (A) Ashok Kumar Lahiri
- (B) Sudipto Mundle
- (C) Ramesh Chand
- (D) Ajay Narayan Jha
- (E) None of the above/More than one of the above

१५८. In the recent Union Budget, the FM has increased the Foreign Direct Investment (FDI) limit in the insurance sector from the existing one to

- (A) 50%
- (B) 62%
- (C) 74%
- (D) 100%
- (E) None of the above/More than one of the above

१५९. As per the Union Budget, 2021, the fiscal deficit is estimated to be how much percent of the GDP in 2021-22?

- (A) 8.8%
- (B) 7.8%
- (C) 7.6%
- (D) 6-8%
- (E) None of the above/More than one of the above

१६०. The best index of economic development is provided by

- (A) growth in national income at current prices
- (B) growth in per capita real income from year to year
- (C) growth in savings ratio
- (D) improvement in balance of payments position
- (E) None of the above/More than one of the above

१६१. The second phase of the Swachh Bharat Mission (Grameen) is to be implemented during which time period?

- (A) 2020-21 to 2022-23
- (B) 2020-21 to 2023-24
- (C) 2020-21 to 2024-25
- (D) 2020-21 to 2025-26
- (E) None of the above/More than one of the above

१६२. Who among the following is not a part of the National Development Council?

- (A) The Secretary of the NITI Aayog
- (B) The Secretary of the Planning and Programme Implementation Ministry
- (C) The Vice Chairman of the NITI Aayog
- (D) The Chairman of the Finance Commission of India
- (E) None of the above/More than one of the above

१६३. Match List-I with List-II: List-I List-II A. Sarkaria 1. To Commission Review the Methodology for Measurement of Poverty B. C. 2. Rangarajan Infrastructure Committee Financing C. Parekh 3. Central-State Committee Relationship D. Narasimham 4. Banking Committee Sector Reforms Choose the correct answer from the options given below: A B C D

- (A) 3 1 2 4
- (B) 2 1 3 4
- (C) 4 3 2 1
- (D) 1 2 4 3
- (E) None of the above/More than one of the above

१६४. Consider the following States: 1. Punjab 2. Uttar Pradesh 3. Andhra Pradesh 4. West Bengal Choose the correct sequence of the above in ascending order as rice producing States in India.

- (A) West Bengal, Punjab, Andhra Pradesh, Uttar Pradesh
- (B) West Bengal, Uttar Pradesh, Andhra Pradesh, Punjab
- (C) Andhra Pradesh, Uttar Pradesh, West Bengal, Punjab
- (D) Andhra Pradesh, Punjab, Uttar Pradesh, West Bengal
- (E) None of the above/More than one of the above

१६५. Which of the following events happened first?

- (A) Quit India Resolution
- (B) Arrival of the Cripps Mission
- (C) Arrival of Lord Wavell as the Governor General
- (D) Arrival of the Cabinet Mission
- (E) None of the above/More than one of the above

१६६. Who was the President of Lahore Session of the Indian National Congress held in 1929?

- (A) Vallabhbhai Patel
- (B) Motilal Nehru
- (C) Jawaharlal Nehru
- (D) Rajendra Prasad
- (E) None of the above/More than one of the above

१६७. Who is not related to the Champaran Satyagraha of 1917?

- (A) J. B. Kripalani
- (B) Raj Kumar Shukla
- (C) Rajendra Prasad
- (D) Ram Manohar Lohia
- (E) None of the above/More than one of the above

१६८. One of the leaders of the Revolt of 1857, Kunwar Singh was related to which place?

- (A) Gwalior
- (B) Jagdishpur
- (C) Jhansi
- (D) Meerut
- (E) None of the above/More than one of the above

୧୫୧. During Quit India Movement, who among the following escaped from the Hazaribagh Jail?

- (A) Sachchidananda Sinha
- (B) Jayaprakash Narayan
- (C) Jagjivan Ram
- (D) Rafi Ahmed Kidwai
- (E) None of the above/More than one of the above

୧୫୦. Who was the President of Gaya Session of the Indian National Congress held in 1922?

- (A) Chittaranjan Das
- (B) Hakim Ajmal Khan
- (C) Mahatma Gandhi
- (D) Maulana Abul Kalam Azad
- (E) None of the above/More than one of the above

୧୫୧. What portfolio Rajendra Prasad held in the Interim Government established in 1946?

- (A) Finance
- (B) Defence
- (C) Home
- (D) Food and Agriculture
- (E) None of the above/More than one of the above

୧୫୨. Where was the Ghadar Party established?

- (A) Germany
- (B) United States of America
- (C) France
- (D) England
- (E) None of the above/More than one of the above

୧୫୩. Who established the Servants of India Society in 1905?

- (A) Surendranath Banerjee
- (B) Bipin Chandra Pal
- (C) Mahadev Govind Ranade
- (D) Gopal Krishna Gokhale
- (E) None of the above/More than one of the above

୧୫୪. Who has written the book, Unhappy India?

- (A) Bal Gangadhar Tilak
- (B) Annie Besant
- (C) Lala Lajpat Rai
- (D) A. O. Hume
- (E) None of the above / More than one of the above

୧୫୫. Who participated in all the three Round Table Conferences?

- (A) Maulana Abul Kalam Azad
- (B) Madan Mohan Malaviya
- (C) B. R. Ambedkar
- (D) Mahatma Gandhi
- (E) None of the above/More than one of the above

୧୭୫. Who established Indian Association in 1876?

- (A) Surendranath Banerjee
- (B) Chittaranjan Das
- (C) W. C. Banerjee
- (D) Aurobindo Ghosh
- (E) None of the above/More than one of the above

୧୭୬. In which country was the honorific 'Netaji' applied to the name of Subhas Chandra Bose?

- (A) India
- (B) Italy
- (C) Germany
- (D) Japan
- (E) None of the above/More than one of the above

୧୭୭. Who is related to 'Chittagong Armoury Raid'?

- (A) Rash Behari Bose
- (B) Chandra Shekhar Azad
- (C) Batukeshwar Dutt
- (D) Surya Sen
- (E) None of the above/More than one of the above

୧୭୮. In Anandamath of Bankim Chandra Chatterjee, which revolt is mentioned?

- (A) Sannyasi
- (B) Kuka
- (C) Santhal
- (D) Neel (Indigo)
- (E) None of the above/More than one of the above

୧୭୯. The perimeter of a rhombus is 52 m and its shorter diagonal is 10 m. The length of the longer diagonal is

- (A) 12 m
- (B) 18 m
- (C) 10 m
- (D) 24 m
- (E) None of the above/More than one of the above

୧୮୦. In a 100 m race, A runs at 8 kmph. If A gives B a start of 4 m and still beats him by 15 seconds, what is the speed of B?

- (A) 5 kmph
- (B) 5-76 kmph
- (C) 6 kmph
- (D) 6-34 kmph
- (E) None of the above/More than one of the above

୧୮୧. A clock is set right at 8 a.m. The clock gains 10 minutes in 24 hours. What will be the true time when the clock indicates 1 p.m, on the following day?

- (A) 12 noon
- (B) 48 minutes past 12 noon
- (C) 1 p.m.
- (D) 2 p.m.
- (E) None of the above/More than one of the above

१८३. The value of the continued fraction $2 - \frac{1}{2 - \frac{1}{2 - \dots}}$ is

- (A) -1
- (B) None of the above/More than one of the above

१८४. The difference between the squares of two numbers is 256000 and the sum of the numbers is 1000. The numbers are

- (A) 600, 400
- (B) 640, 360
- (C) 628, 372
- (D) 650, 350
- (E) None of the above/More than one of the above

१८५. A train 110 m long is travelling at a speed of 58 kmph. The time in which it will pass a passerby walking at 4 kmph in the same direction is

- (A) 6 seconds
- (B) 7 seconds
- (C) 8 seconds
- (D) 9 seconds
- (E) None of the above/More than one of the above

१८६. Which among the following is an incorrect option?

- (A) Atom is electrically neutral due to presence of protons and electrons inside the nucleus.
- (B) Electrons are negatively charged and have negligible mass.
- (C) Atomic number is the number of protons in an atom of an element.
- (D) Isotopes are useful as nuclear fuel, in medical field, in carbon dating, etc.
- (E) None of the above/More than one of the above

१८७. Select the incorrect statement out of the following.

- (A) Cotton is suitable for use as clothing in summer because it absorbs moisture.
- (B) Polycarbonate is used for making CDs.
- (C) Acrylic is also called artificial silk as it is prepared from cotton but has shine like silk.
- (D) Teflon is used for coating non-stick kitchenware.
- (E) None of the above/More than one of the above

१८८. Which of the following statements about graphite and diamond is true?

- (A) They have the same crystal structure.
- (B) They have the same hardness.
- (C) They have the same electrical conductivity.
- (D) They can undergo the same chemical reaction.
- (E) None of the above/More than one of the above

१८९. Which of the following is the major constituent of the liquefied petroleum gas?

- (A) Methane
- (B) Ethane
- (C) Propane
- (D) Butane
- (E) None of the above/More than one of the above

१९०. Water passes from the soil into the roots by a physical process called

- (A) diffusion
- (B) transpiration
- (C) absorption
- (D) osmosis
- (E) None of the above/More than one of the above

१९१. Biodegradable wastes can usually be converted into useful substance with the help of

- (A) bacteria
- (B) viruses
- (C) nuclear proteins
- (D) radioactive substances
- (E) None of the above/More than one of the above

१९२. In the nighttime, it is advised not to sleep under trees because

- (A) they liberate less amount of oxygen
- (B) they liberate harmful gases at night
- (C) they liberate carbon dioxide
- (D) they liberate carbon monoxide
- (E) None of the above/More than one of the above

१९३. Insectivorous plants grow in soil deficient in

- (A) water
- (B) magnesium
- (C) nitrogen
- (D) calcium
- (E) None of the above/More than one of the above

१९४. Stem of a plant helps in distributing food to all parts of the plant. It also helps in

- (A) storing the food
- (B) shaping the plant
- (C) respiration
- (D) photosynthesis
- (E) None of the above/More than one of the above

१९५. In transfusion, blood must be compatible not only in blood type but also in

- (A) Rh factor
- (B) the number of white cells
- (C) the number of red cells
- (D) race of donor and recipient
- (E) None of the above/More than one of the above

१९६. Pituitary gland is located in

- (A) intestine
- (B) liver
- (C) kidney
- (D) brain
- (E) None of the above/More than one of the above

୧୯୭. Which of the following rays/ waves are used to know the growth of fetus in the womb?

- (A) X-rays
- (B) Microwaves
- (C) Ultrasonic waves
- (D) Ultraviolet rays
- (E) None of the above/More than one of the above

୧୯୮. The universal acceptor blood group is

- (A) A
- (B) B
- (C) AB
- (D) O
- (E) None of the above/More than one of the above

୧୯୯. Pneumonia is an infection of

- (A) nerve
- (B) blood
- (C) skin
- (D) lungs
- (E) None of the above/More than one of the above

୨୦୦. A person standing in front of a mirror finds his image larger than himself. This implies that the mirror is

- (A) concave
- (B) plane
- (C) convex
- (D) cylindrical with bulging side outwards
- (E) None of the above/More than one of the above

୨୦୧. A fan produces a feeling of comfort during the hot weather because

- (A) fan supplies cool air
- (B) our body radiates more heat in air
- (C) conductivity of air increases
- (D) our perspiration evaporates rapidly
- (E) None of the above/More than one of the above

୨୦୨. Twinkling of stars in clear sky during nighttime can be explained with

- (A) refraction of light
- (B) reflection of light
- (C) polarization of light
- (D) interference of light
- (E) None of the above/More than one of the above

୨୦୩. Hydrogen bomb is based on the principle of

- (A) controlled fusion reaction
- (B) uncontrolled fusion reaction
- (C) controlled fission reaction
- (D) uncontrolled fission reaction
- (E) None of the above/More than one of the above

२०४. Food gets cooked faster in a pressure cooker because

- (A) water starts boiling at low temperature due to high pressure
- (B) water starts boiling at high temperature due to high pressure
- (C) water starts boiling at low temperature due to low pressure
- (D) water starts boiling at high temperature due to low pressure
- (E) None of the above/More than one of the above

२०५. If the doors of a refrigerator are left open for few hours, then the room temperature will

- (A) decrease
- (B) increase
- (C) remain the same
- (D) decrease only in the area in the vicinity of the refrigerator
- (E) None of the above/More than one of the above

२०६. A piece of ice is floating in a beaker containing water up to its brim. When whole of the ice melts

- (A) the water will spill on the floor
- (B) the level of water will come down in the beaker
- (C) the level of water will first fall and then it will spill out of the beaker
- (D) the water level will not change
- (E) None of the above/More than one of the above

२०७. Which of the following is not correctly matched?

- (A) Voltmeter-Potential difference
- (B) Ammeter-Electric current
- (C) Potentiometer-Electromotive force
- (D) Galvanometer-Electric resistance
- (E) None of the above/More than one of the above

२०८. If a feather, a rubber ball and a wooden ball are falling freely simultaneously from the same height in vacuum, then

- (A) the feather will reach at the ground first
- (B) the rubber ball will reach at the ground first
- (C) the wooden ball will reach at the ground first
- (D) all the three will reach at the ground together
- (E) None of the above/More than one of the above

२०९. When a soap film on the water is seen in the daytime, it shows beautiful colours. This phenomenon is due to

- (A) diffraction of light
- (B) refraction of light
- (C) polarization of light
- (D) interference of light
- (E) None of the above/More than one of the above

२१०. The mass number of a nucleus is

- (A) the sum of the numbers of neutrons and protons
- (B) the total mass of neutrons and protons
- (C) always more than the atomic weight
- (D) always less than its atomic number
- (E) None of the above / More than one of the above

२११. Which of the following is the main ingredient of cement?

- (A) Limestone
- (B) Silica clay
- (C) Gypsum
- (D) Ash
- (E) None of the above/More than one of the above

२१२. Isotopes of an element differ in

- (A) the number of protons
- (B) the mass number
- (C) the number of electrons
- (D) the atomic number
- (E) None of the above/More than one of the above

२१३. The temperature point at which solid liquid and gaseous states may stay together is known as

- (A) boiling point
- (B) melting point
- (C) freezing point
- (D) triple point
- (E) None of the above/More than one of the above

२१४. The most important ore of aluminium is

- (A) bauxite
- (B) calamine
- (C) calcite
- (D) galena
- (E) None of the above/More than one of the above

२१५. Which among the following solutions has pH value more than 7?

- (A) Buffer solution
- (B) Basic solution
- (C) Acidic solution
- (D) Neutral solution
- (E) None of the above/More than one of the above

२१६. On which date did India begin its two-year term as a Non- Permanent Member of the UN Security Council?

- (A) 1 October, 2020
- (B) 1 November, 2020
- (C) 1 January, 2021
- (D) 1 July, 2021
- (E) None of the above/More than one of the above

२१७. Which country exported Sputnik V COVID vaccine to India?

- (A) America
- (B) Russia
- (C) UK
- (D) France
- (E) None of the above/More than one of the above

२१८. Joe Biden has assumed office as the

- (A) 46th President of America
- (B) 47th President of America
- (C) 48th President of America
- (D) 49th President of America
- (E) None of the above / More than one of the above

२१९. Who was the foreign Chief Guest in the Republic Day parade in 2021?

- (A) Boris Johnson
- (B) Vladimir Putin
- (C) Barack Obama
- (D) Sheikh Hasina
- (E) None of the above/More than one of the above

२२०. Who is the Permanent Representative of India in the UN?

- (A) Tarun Bajaj
- (B) T. S. Tirumurti
- (C) Ajay Seth
- (D) Harsh Vardhan Shringla
- (E) None of the above/More than one of the above

२२१. According to 2011 Census, which district of Bihar has more women than men?

- (A) Gopalganj
- (B) Begusarai
- (C) Patna
- (D) Siwan
- (E) None of the above/More than one of the above

२२२. Rashmi Kumari from Bihar is a/ an

- (A) international cricketer
- (B) international carrom champion
- (C) football player
- (D) chess player
- (E) None of the above/More than one of the above

२२३. The Digital India Award, 2020' was given to the Bihar Government for

- (A) establishing technical institutes in Bihar
- (B) bringing IT revolution in Bihar
- (C) facilitating e-administration in Bihar
- (D) providing services to people stranded outside Bihar during COVID-19 lockdown
- (E) None of the above/More than one of the above

२२४. The new ministry proposed in the Bihar Budget for the year 2021-22 focuses on

- (A) child care
- (B) women empowerment
- (C) infrastructure development
- (D) skill and development entrepreneurship
- (E) None of the above/More than one of the above

२२५. From which district of Bihar was the Garib Kalyan Rojgar Abhiyan launched by the Prime Minister in 2020?

- (A) Patna
- (B) Banka
- (C) Madhepura
- (D) Khagaria
- (E) None of the above/More than one of the above

२२६. Covishield, the COVID vaccine of India which is approved by WHO, is manufactured by

- (A) Serum Institute
- (B) Bharat Biotech
- (C) Panacea Biotech
- (D) Zydus Cadila
- (E) None of the above/More than one of the above

२२७. What is the length of the Atal Tunnel, Rohtang, Himachal Pradesh?

- (A) 8.02 km
- (B) 9.02 km
- (C) 10.02 km
- (D) 11.02 km
- (E) None of the above/More than one of the above

२२८. What is the purpose of the Citizenship (Amendment) Act, 2019?

- (A) To remove Bangladeshi illegal immigrants
- (B) To identify genuine Indian citizens
- (C) To check border infiltration by foreigners
- (D) To grant citizenship to persecuted minority groups of Afghanistan, Bangladesh and Pakistan
- (E) None of the above/More than one of the above

२२९. The Central Vista Project refers to the

- (A) construction of an IT park in New Delhi
- (B) construction of a new Parliament, the Prime Minister and Vice President's residences along with a common Central Secretariat
- (C) construction of a commercial area in New Delhi
- (D) construction of residences for all minister's
- (E) None of the above/More than one of the above

२३०. Which Union Territory formed after division of Jammu and Kashmir State does not have a legislature of its own?

- (A) Jammu
- (B) Kashmir
- (C) Ladakh
- (D) Both Kashmir and Ladakh
- (E) None of the above/More than one of the above

२३१. Who is the Indian footballer who won the All India Football Federation (AIFF) Men's Player of the Year Award for 2021

- (A) Suresh Singh Wangjam
- (B) Sandesh Jhingan
- (C) Aniket Jadhav
- (D) Arindam Bhattacharya
- (E) None of the above/More than one of the above

२३२. On which date was the Pradhanmantri Kisan Samman Nidhi Yojana started?

- (A) 1 November, 2017
- (B) 1 January, 2018
- (C) 1 February, 2019
- (D) 1 April, 2020
- (E) None of the above/More than one of the above

२३३. In which game was the Gold Medal for India won in the Olympics, 2021?

- (A) Gymnastics
- (B) Javelin Throw
- (C) Boxing
- (D) Shooting
- (E) None of the above/More than one of the above

२३४. On which date did India take over the Chairmanship of the UN Security Council?

- (A) 1 January, 2021
- (B) 1 March, 2021
- (C) 1 April, 2021
- (D) 1 August, 2021
- (E) None of the above/More than one of the above

२३५. When the US evacuated its troops from Afghanistan, who was the last American soldier to leave Kabul?

- (A) General Frank McKenzie
- (B) David Brunnstrom
- (C) Major General Chris Donahue
- (D) Ross Wilson
- (E) None of the above/More than one of the above

२३६. Which French company supplied Rafale fighter jets to India?

- (A) LH Aviation
- (B) Dassault Aviation
- (C) Issoire Aviation
- (D) Humbert Aviation
- (E) None of the above/More than one of the above

२३७. When did the clash between the soldiers of India and China take place in the Galwan Valley?

- (A) December 2019
- (B) April 2019
- (C) January 2020
- (D) June 2020
- (E) None of the above/More than one of the above

२३८. In which country, the Pegasus spyware has been developed?

- (A) Israel
- (B) Brazil
- (C) Russia
- (D) China
- (E) None of the above/More than one of the above

२३९. The Forward Bloc was founded by

- (A) Sardarsinhji Rana
- (B) Subhas Chandra Bose
- (C) Jayaprakash Narayan
- (D) Lakshmi Sahgal
- (E) None of the above/More than one of the above

२४०. Who was the Finance Minister in the Interim Government?

- (A) Liaquat Ali Khan
- (B) Sardar Patel
- (C) M. A. Jinnah
- (D) Jawaharlal Nehru
- (E) None of the above/More than one of the above

२४१. Who took the lead of the Santhal Rebellion of 1855?

- (A) Sidhu and Kanhu
- (B) Budhu Bhagat and Teja Bhagat
- (C) Mulu Manek and Jodha Manek
- (D) Madari Pasi and Sahadev
- (E) None of the above / More than one of the above

२४२. Who invited Gandhiji to come to Champaran?

- (A) Raj Kumar Shukla
- (B) Rajendra Prasad
- (C) Jayaprakash Narayan
- (D) Krishna Sahay
- (E) None of the above/More than one of the above

२४३. Who had attained enlightenment in Bodh Gaya?

- (A) Mahavira Swami
- (B) Gautama Buddha
- (C) Simandhar Swami
- (D) Parshvanath Swami
- (E) None of the above/More than one of the above

२४४. Who established a branch of Anushilan Samiti in Patna in 1913?

- (A) Ramananda Sinha
- (B) Satish Jha
- (C) Sachindra Nath Sanyal
- (D) Bipin Jha
- (E) None of the above/More than one of the above

२४५. Who had formed the Bihar Socialist Party in 1931?

- (A) Phulan Chand Tiwari and Rajendra Prasad
- (B) Phulan Prasad Varma and Jayaprakash Narayan
- (C) Raj Kumar Shukla and Swami Agnivesh
- (D) Swami Sahajananda and Swami Yogananda
- (E) None of the above/More than one of the above

२४६. Where is Sher Shah's tomb located?

- (A) Sasaram
- (B) Maner
- (C) Sitamarhi
- (D) Pavapuri
- (E) None of the above/More than one of the above

२४७. Which one of the following Harappan sites is in Gujarat?

- (A) Lothal
- (B) Dabarkot
- (C) Kalibangan
- (D) Rakhigarhi
- (E) None of the above/More than one of the above

२४८. Who was the founder of the Chola Dynasty?

- (A) Vijayalaya
- (B) Karikala
- (C) Aditya 1
- (D) Rajaraja I
- (E) None of the above/More than one of the above

२४९. Who was the President of the First Buddhist Council?

- (A) Vasumitra
- (B) Mahakashyapa
- (C) Sangharaksha
- (D) Parshvaka
- (E) None of the above/More than one of the above

२५०. Who wrote the book, Kiratarjuniya?

- (A) Bhatti
- (B) Shudraka
- (C) Kalidasa
- (D) Bharavi
- (E) None of the above/More than one of the above

२५१. The Qutub Minar was completed by

- (A) Iltutmish
- (B) Qutb-ud-din Aibak
- (C) Ulugh Khan
- (D) Raziya Sultana
- (E) None of the above/More than one of the above

२५२. Who was the founder of the Vijayanagara Empire?

- (A) Deva Raya I
- (B) Krishnadeva Raya
- (C) Harihara-Bukka
- (D) Vira Narasimha Raya
- (E) None of the above/More than one of the above

२५३. During the time of which Mughal Emperor did Sir Thomas Roe come to India?

- (A) Babur
- (B) Akbar
- (C) Jahangir
- (D) Shah Jahan
- (E) None of the above/More than one of the above

२५४. Ain-i-Akbari was written by

- (A) Abdul Qadir
- (B) Akbar
- (C) Khwaja Nizamuddin
- (D) Abul Fazl
- (E) None of the above/More than one of the above

२५५. The Ryotwari system was first implemented in

- (A) Gujarat
- (B) Madras
- (C) Bombay
- (D) Orissa
- (E) None of the above/More than one of the above

२५६. The Uprising of 1857 was described as the 'First Indian War of Independence' by

- (A) V. D. Savarkar
- (B) Bal Gangadhar Tilak
- (C) R. C. Majumdar
- (D) Dadabhai Naoroji
- (E) None of the above/More than one of the above

२५७. The first woman President of the Indian National Congress was

- (A) Sarojini Naidu
- (B) Annie Besant
- (C) Kasturba Gandhi
- (D) Aruna Asaf Ali
- (E) None of the above/More than one of the above

२५८. Who started the journal, Bahishkrita Bharat?

- (A) Jyotiba Phule
- (B) Karsandas Mulji
- (C) Bal Gangadhar Tilak
- (D) Babasaheb Ambedkar
- (E) None of the above/More than one of the above

२५९. Pattiseema Project is associated with the integration of which of the following rivers?

- (A) Krishna and Kaveri
- (B) Krishna and Godavari
- (C) Godavari and Mahanadi
- (D) Ganga and Brahmaputra
- (E) None of the above/More than one of the above

२६०. Which of the following statements are concerned with eskers and drumlins? 1. Eskers are ridges of crudely bedded gravels and sands. 2. Drumlins are constituted mostly of boulder and clay. 3. Basket of eggs topography is the characteristic of terrains with eskers. 4. While eskers are built by glacier streams, drumlins result from glacier action.

Choose the correct answer from the options given below.

- (A) 1, 2 and 3
- (B) 1, 2 and 4
- (C) 3 and 4 only
- (D) 1 and 2 only
- (E) None of the above/More than one of the above

२६१. Combustion of underground coal occurs in the State of

- (A) West Bengal
- (B) Bihar
- (C) Jharkhand
- (D) Odisha
- (E) None of the above/More than one of the above

२६२. Which district of Bihar has mica deposits?

- (A) Rohtas
- (B) Patna
- (C) Gaya
- (D) Saran
- (E) None of the above/More than one of the above

२६३. The confluence of the rivers Son and Ganga is located in which district of Bihar?

- (A) Buxar
- (B) Patna
- (C) Bhojpur
- (D) Nalanda
- (E) None of the above/More than one of the above

२६४. The rivers Damodar, Koel and Subarnarekha originate from which of the following?

- (A) Deccan Plateau
- (B) Central Highland
- (C) Chota Nagpur Plateau
- (D) Meghalaya Plateau
- (E) None of the above/More than one of the above

२६५. Which is the first Ramsar Site in Bihar?

- (A) Kaimur Range
- (B) Kharagpur Lake
- (C) Kanwar Lake
- (D) Rajgir Hill
- (E) None of the above/More than one of the above

२६६. Brahmayoni Hill is located in which district of Bihar?

- (A) Gaya
- (B) Rohtas
- (C) Nalanda
- (D) Nawada
- (E) None of the above/More than one of the above

२६७. Which agroclimatic region of Bihar has the highest number of districts?

- (A) Northern East
- (B) Northern West
- (C) Southern East
- (D) Southern West
- (E) None of the above/More than one of the above

२६८. Geodesy is the science that deals with

- (A) dating of terrestrial rock
- (B) measurement of dimension of the earth
- (C) measurement of elevation and depression of the earth
- (D) recording of the changes undergone by the crust
- (E) None of the above/More than one of the above

२६९. The theory of continental drift was developed by

- (A) J. J. Wilson
- (B) A. Wegener
- (C) Du Toit
- (D) H. Hess
- (E) None of the above/More than one of the above

२७०. Sunda Trench lies parallel to the island of

- (A) Java
- (B) Maldives
- (C) Sumatra
- (D) Mauritius
- (E) None of the above/More than one of the above

२७१. An effective Coriolis force results from

- (A) solar system
- (B) earth rotation
- (C) interior of the earth
- (D) Colorado and Gulf Streams
- (E) None of the above/More than one of the above

२७२. Which of the following countries does not have a land border with the Dead Sea?

- (A) Lebanon
- (B) Jordan
- (C) Israel
- (D) Palestine
- (E) None of the above/More than one of the above

२७३. Ilmenite, which is widely distributed along the Indian coastline, is a mineral of

- (A) tungsten
- (B) titanium
- (C) gallium
- (D) tin
- (E) None of the above/More than one of the above

୨୭୪. Compare the Himalayan river with the Peninsular river based on the following comparisons: 1. Most of the Himalayan rivers are perennial, whereas most of the Peninsular rivers are rain fed. 2. The gradient of the Himalayan river is steeper than the Peninsular river. 3. The Peninsular river causes more erosion on its way in comparison to the Himalayan river. Choose the correct answer from the options given below.

- (A) 1 and 2 only
- (B) 2 and 3 only
- (C) 1 and 3 only
- (D) 1, 2 and 3
- (E) None of the above/More than one of the above

୨୭୫. Ganga Plain has been described as a

- (A) pediplain
- (B) peneplain
- (C) geosyncline
- (D) karst plain
- (E) None of the above/More than one of the above

୨୭୬. Which of the following is a freshwater lake?

- (A) Chilika
- (B) Sambhar
- (C) Wular
- (D) Loktak
- (E) None of the above/More than one of the above

୨୭୭. Which of the following planets has the least density?

- (A) Earth
- (B) Mars
- (C) Venus
- (D) Saturn
- (E) None of the above / More than one of the above

୨୭୮. What is the most famous feature of Chiria located in West Singhbhum?

- (A) Iron Ore Mining
- (B) Dam
- (C) Bird Sanctuary
- (D) National Park
- (E) None of the above/More than one of the above

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୨୭୯. Who established trade relations with Roman empire?

- (A) Cheras
- (B) Westem Shakas
- (C) Vakatakas
- (D) Kushanas
- (E) None of the above/More than one of the above

२८०. The Muslim ruler whose empire was regarded as a part of Dar-ul- Islam was

- (A) Razia
- (B) Iltutmish
- (C) Nasir-ud-Din
- (D) Balban
- (E) None of the above/More than one of the above

२८१. Who among the following opposed the power of the Khalifa?

- (A) Alauddin Khalji
- (B) Muhammad-bin-Tughluq
- (C) Balban
- (D) Iltutmish
- (E) None of the above/More than one of the above

२८२. Tughril Khan raised a standard of revolt during whose reign?

- (A) Alauddin Khalji
- (B) Feroz Tughluq
- (C) Khizr Khan
- (D) Balban
- (E) None of the above/More than one of the above

२८३. Who was the first Mughal ruler who fought against the British?

- (A) Aurangzeb
- (B) Shah Jahan
- (C) Bahadur Shah Zafar
- (D) Jahangir
- (E) None of the above/More than one of the above B.P.S.C. (Pre)

२८४. Which of the following were the social reforms introduced by William Bentinck? 1. Abolition of Sati 2. Abolition of slavery 3. Removal of disabilities due to change of religion 4. Suppression of the organized bands of Thugs. Choose the correct answer from the codes given below.

- (A) 1, 3 and 4 only
- (B) 1, 2 and 4 only
- (C) 1, 2, 3 and 4
- (D) 1 and 2 only
- (E) None of the above/More than one of the above

२८५. Sind was conquered and annexed by

- (A) Sleeman
- (B) Napier
- (C) Lawrence
- (D) Wellington
- (E) None of the above/More than one of the above

२८६. On which date, Sukhdev, Bhagat Singh and Rajguru were hanged?

- (A) 23rd March, 1931
- (B) 7th September, 1931
- (C) 4th March, 1931
- (D) 12th November, 1930
- (E) None of the above/More than one of the above

२८७. Who was the third Satyagrahi of Individual Satyagraha launched by Mahatma Gandhi in 1940?

- (A) Jawaharlal Nehru
- (B) Rajendra Prasad
- (C) Brahma Dutt
- (D) Vinoba Bhave
- (E) None of the above/More than one of the above

२८८. Who launched secret radio during the Quit India Movement?

- (A) Subhadra Kumari Chauhan
- (B) Sucheta Kripalani
- (C) Annie Besant
- (D) Usha Mehta
- (E) None of the above/More than one of the above

२८९. Who was the Physician of Magadh ruler Bimbisara?

- (A) Vijayasena
- (B) Jeevaka
- (C) Manu
- (D) Shilabhadra
- (E) None of the above/More than one of the above

२९०. Who was the real founder of Turk rule in Bihar?

- (A) Ibn Bakhtiyar Khilji
- (B) Ibrahim
- (C) Dariya Khan Noohani
- (D) Malik Husamuddin
- (E) None of the above More than one of the above

२९१. Who was the first Indian Governor of Bihar?

- (A) Dr. Shri Krishna Singh
- (B) Brij Kishor Prasad
- (C) B. P. Mandal
- (D) Satyendra Prasanna Sinha
- (E) None of the above/More than one of the above

२९२. Who were the leaders of Santhal Revolt?

- (A) Sidhu and Kanhu
- (B) Gaurakshni Bhagat and Keshav Chandra Roy
- (C) Shambhunath Pal and Korra Mallaya
- (D) Jara Bhagat and Balaram Bhagat
- (E) None of the above/More than one of the above

२९३. Where was the first Buddhist Council convened?

- (A) Rajagriha
- (B) Amaravati
- (C) Kanganhalli
- (D) Pataliputra
- (E) None of the above/More than one of the above

२९४. Which Gupta ruler assumed the throne after killing his elder brother?

- (A) Samudragupta
- (B) Chandragupta II
- (C) Skandagupta
- (D) Shri Gupta
- (E) None of the above/More than one of the above

२९५. Who laid the foundation of Vardhana dynasty?

- (A) Rajyavardhana
- (B) Adityavardhana
- (C) Prabhakarvardhana
- (D) Pushyabhuti
- (E) None of the above/More than one of the above

२९६. The Sargasso Sea is a part of the

- (A) Arctic Ocean
- (B) North Atlantic Ocean
- (C) South Atlantic Ocean
- (D) Indian Ocean
- (E) None of the above/More than one of the above

२९७. What is the boundary line between India and China called?

- (A) Radcliffe Line
- (B) Indira Point
- (C) Durand Line
- (D) McMahon Line
- (E) None of the above/More than one of the above

२९८. Rajasthan receives very little rain because

- (A) it is too hot
- (B) there is no water available and thus the winds remain dry
- (C) the winds do not come across any barriers to cause the necessary uplift to cool the air
- (D) the monsoon fails to reach this area
- (E) None of the above/More than one of the above

२९९. Consider the following statements: 1. In India, the Project Tiger was launched in 1973. 2. The theme for National Biodiversity in 2022 is 'Building a shared future for all life'. 3. The Project Tiger is a tiger conservation programme.

Which of the above statements is/ are correct?

- (A) 1 and 3 only
- (B) 2 and 3 only
- (C) 1, 2 and 3
- (D) 1 only
- (E) None of the above/More than one of the above

३००. For which cultivation Karewas are famous?

- (A) Saffron
- (B) Mango
- (C) Grapes
- (D) Banana
- (E) None of the above/More than one of the above

३०१. Which State in India is the leading producer of thorium?

- (A) Bihar
- (B) Jharkhand
- (C) Madhya Pradesh 67th B.P.S.C. (Pre) Re-Exam-30.9.2022
- (D) Kerala
- (E) None of the above/More than one of the above

३०२. At which of the following places the newsprint paper industry is located?

- (A) Durgapur
- (B) Nepanagar
- (C) Kanpur
- (D) Satana
- (E) None of the above/More than one of the above

३०३. Where was first coal mine in India mined?

- (A) Raniganj
- (B) Dhanbad
- (C) Asansol
- (D) Jharia
- (E) None of the above/More than one of the above

३०४. According to the Census of India, 2011 which Scheduled Tribe is largest in India?

- (A) Kol
- (B) Bhil
- (C) Gond
- (D) Santhal
- (E) None of the above/More than one of the above

३०५. The total geographical area of Bihar State is

- (A) 94316 sq. km.
- (B) 94163 sq. km
- (C) 94526 sq. km
- (D) 94200 sq. km
- (E) None of the above/More than one of the above

३०६. Which river is known as Sorrow of Bihar?

- (A) Ganga
- (B) Kosi
- (C) Sone
- (D) Ghaghra
- (E) None of the above/More than one of the above

३०७. In which district of Bihar, Telhar Kund Waterfall is located?

- (A) Nawada
- (B) Kaimur
- (C) Rohtas
- (D) Sasaram
- (E) None of the above/More than one of the above 67th B.P.S.C. (Pre) Re-Exam-30.9.2022

३०८. Which is the Asia's largest and freshwater oxbow lake in Bihar?

- (A) Kanwar Lake
- (B) Anupam Lake
- (C) Kusheshwar Lake
- (D) Ghogha Lake
- (E) None of the above/More than one of the above

३०९. Which district of Bihar has the largest gold reserve?

- (A) Jamui
- (B) Banka
- (C) Katihar
- (D) Munger
- (E) None of the above/More than one of the above

३१०. Which district of Bihar is known as 'silk city'?

- (A) Bhojpur
- (B) Bhagalpur
- (C) Banka
- (D) Katihar
- (E) None of the above/More than one of the above

३११. What is the female literacy rate of Bihar as per the Census 2011 of India?

- (A) 71.25%
- (B) 50.50%
- (C) 51.50%.
- (D) 61.80%
- (E) None of the above/More than one of the above

३१२. Which is the chief heavenly body of solar system?

- (A) Jupiter
- (B) Saturn
- (C) Sun
- (D) Earth
- (E) None of the above/More than one of the above

३१३. Which elements are abundant in the formation of interior layer of the earth?

- (A) Silica and magnesium
- (B) Basalt and silica
- (C) Nickel and ferrum.
- (D) Silica and aluminium
- (E) None of the above/More than one of the above

३१४. Who among the following postulated the concept of geographical cycle of erosion?

- (A) W. M. Davis
- (B) S. W. Wooldridge
- (C) Kober
- (D) A. Holmes
- (E) None of the above/More than one of the above

३१५. In which hemisphere, roaring forties, furious fifties and shrieking sixties are blowing?

- (A) Southern Hemisphere
- (B) Eastern Hemisphere
- (C) Western Hemisphere
- (D) Northern Hemisphere
- (E) None of the above/More than one of the above

३१६. Who was the Chairman of the First Law Commission in Independent India?

- (A) Justice V. K. Sundaram
- (B) Justice T. V. Venkatarama Aiyar
- (C) Mr. M. C. Setalvad
- (D) Justice J. L. Kapur
- (E) None of the above/More than one of the above

३१७. If 'One Nation One Election' is to be realized in India, which Article of the Indian Constitution will require an amendment?

- (A) Article 172
- (B) Article 356
- (C) Article 246
- (D) Article 83
- (E) None of the above/More than one of the above

३१८. Which State does not have Panchayat system?

- (A) Mizoram
- (B) Meghalaya
- (C) Kerala
- (D) Nagaland
- (E) None of the above/More than one of the above

३१९. The Supreme Court is a

- (A) protector of human rights
- (B) final interpreter of the Constitution
- (C) civil court
- (D) federal court
- (E) None of the above/More than one of the above

३२०. To review the financial position of Panchayats, the State Government constitutes every five years a/an

- (A) finance committee
- (B) advisory commission
- (C) advisory committee
- (D) finance commission
- (E) None of the above/More than one of the above

३२१. What is the objective of community development?

- (A) Build human capital
- (B) Environment protection
- (C) Harmonious life
- (D) Economic development
- (E) None of the above/More than one of the above

३२२. The Indian President is eligible for re-election for how many times?

- (A) Twice
- (B) Thrice
- (C) Any number of times
- (D) Once
- (E) None of the above/More than one of the above

३२३. Bhandari Committee is related to

- (A) indirect taxation
- (B) agriculture credit
- (C) regional rural banks' restructuring
- (D) direct taxation
- (E) None of the above/More than one of the above

३२४. Choose the correct statement related to the National Pension Scheme (NPS).

- (A) NPS is a retirement benefit scheme introduced by the Government of India to facilitate a regular income to all the citizens of India.
- (B) NPS is regulated by the IRDA.
- (C) NPS is regulated by the SEBI.
- (D) NPS is regulated by the Pension Fund Regulatory and Development Authority
- (E) None of the above/More than one of the above

३२५. Which of the following is not included in the priorities of India Budget 2022-23?

- (A) Inclusive development
- (B) Productivity Enhancement and Investment, Sunrise Opportunities, Energy Transition, and Climate Action
- (C) Disinvestment
- (D) PM Gati Shakti
- (E) None of the above/More than one of the above

३२६. What was the Tax-GDP ratio in the financial year 2021-22 in India?

- (A) 11.7%
- (B) 11.5%
- (C) 10.9%
- (D) 12.5%
- (E) None of the above/More than one of the above

३२७. What was India's share in World Exports by commodity divisions and groups in 2018?

- (A) 0.7%
- (B) 2.1%
- (C) 1.3%
- (D) 1.7%
- (E) None of the above/More than one of the above

३२८. What was the total production of wheat in India as per the 4th advance estimates in the year 2020-21?

- (A) 209.5 million tonnes
- (B) 501.5 million tonnes
- (C) 201.23 million tonnes
- (D) 109.5 million tonnes
- (E) None of the above/More than one of the above

३३९. Choose the correct statement regarding the Vibrant Village Programme.

- (A) It is for the Maharashtra State of India.
- (B) It was started in the year 2017.
- (C) It is for the development of border villages on the northern border.
- (D) It is for the development of roads connectivity in Bihar.
- (E) None of the above/More than one of the above

३३०. Choose the incorrect statement as per the Economic Survey of Bihar, 2021-22.

- (A) The secondary sector in Bihar had grown at 4.8 per cent.
- (B) The tertiary sector in Bihar had grown at the highest rate of 8.5 per cent.
- (C) The primary sector in Bihar had grown at 2.8 per cent.
- (D) The primary sector in Bihar had grown at 2.3 per cent.
- (E) None of the above/More than one of the above

३३१. Choose the correct order of the following districts of Bihar as per the ascending level of urbanization.

- (A) Nalanda < Patna < Munger
- (B) Patna < Munger < Nalanda
- (C) Munger < Nalanda < Patna
- (D) Nalanda < Munger < Patna
- (E) None of the above/More than one of the above

३३२. The fiscal deficit is expected to be _ of GSDP of Bihar for the financial year 2022-23.

- (A) 12.1%
- (B) 3.47%
- (C) 9.89%
- (D) 3.18%
- (E) None of the above/More than one of the above

३३३. Choose the option which is not part of the "Saat Nischay Part-2 Scheme" of Bihar. 67th B.P.S.C. (Pre) Re-Exam-30.9.2022

- (A) Strong woman, capable woman
- (B) Irrigation water to every field
- (C) Airways to everyone
- (D) Yuva Shakti-Progress of Bihar
- (E) None of the above/More than one of the above

३३४. Choose the correct order of the Bihar State districts in descending order of per capita income.

- (A) Sheohar > Araria > East Champaran > Kishanganj > Nawada
- (B) East Champaran > Sheohar > Araria > Kishanganj > Nawada
- (C) Araria > Nawada > East Champaran > Sheohar > Kishanganj
- (D) Nawada > Kishanganj > East Champaran > Araria > Sheohar
- (E) None of the above/More than one of the above

३३५. Which statement is not true about the poverty estimates based on the 68th round of NSSO?

- (A) The poverty line defined at 33.33 per capita per day for urban areas.
- (B) The 21.9 per cent population of India was living below the poverty line.
- (C) The 33.35 per cent population of India was living below the poverty line.
- (D) The poverty line defined at 27.20 per capita per day for rural areas.
- (E) None of the above/ More than one of the above

३३६. Which of the following partly defines the micro-enterprise in India?

- (A) Annual turnover not more than `15 crore.
- (B) Investment in Plant and Machinery not more than `1.5 crore
- (C) Annual turnover of more than `75 crore.
- (D) Investment in Plant and Machinery or equipment not more than `1 crore
- (E) None of the above/More than one of the above

३३७. Which of the following is incorrect regarding the Pradhan Mantri Krishi Sinchai Yojana?

- (A) Construction of well
- (B) Enhancement of recharging of aquifers
- (C) Construction of rain harvesting structures
- (D) Repair and renovate water bodies
- (E) None of the above/More than one of the above

३३८. Who successfully led the Bardoli Satyagraha?

- (A) Motilal Nehru
- (B) J. B. Kripalani
- (C) Jawaharlal Nehru
- (D) Vallabhbhai Patel
- (E) None of the above/More than one of the above

३३९. Who among the following was not a member of the Cabinet Mission sent to India in 1946?

- (A) Ramsay MacDonald
- (B) A. V. Alexander
- (C) Lord Pathick Lawrence
- (D) Sir Stafford Cripps
- (E) None of the above/More than one of the above

३४०. In which Session Indian National Congress passed Complete Independence Resolution?

- (A) 1924 Belgaon
- (B) 1929 Lahore
- (C) 1931 Karachi
- (D) 1920 Nagpur
- (E) None of the above/More than one of the above

३४१. Subhas Chandra Bose renamed Nicobar Island as

- (A) Shaheed Island
- (B) Balidan Island
- (C) Navodaya Island
- (D) Swaraj Island
- (E) None of the above/More than one of the above

३४२. In which state is 'Chauri Chaura', where in February 1922 a police station was set on fire?

- (A) Madhya Pradesh
- (B) Bihar
- (C) Uttar Pradesh
- (D) Rajasthan
- (E) None of the above/More than one of the above

३४३. In which place Khudiram Bose tried to kill Kingsford?

- (A) Darbhanga
- (B) Muzaffarpur
- (C) Gaya
- (D) Patna
- (E) None of the above/More than one of the above

३४४. During which Movement 'Azad Dasta' was active in Bihar?

- (A) Non-Cooperation Movement
- (B) Civil Disobedience Movement
- (C) Quit India Movement.
- (D) Champaran Satyagraha
- (E) None of the above/More than one of the above

३४५. Who was allotted the Portfolio of the Labour Department in the Interim Government's Cabinet of 1946?

- (A) Dr. Rajendra Prasad
- (B) Dr. Anugraha Narayan Singh
- (C) Syed Ali Zaheer
- (D) Jagjivan Ram
- (E) None of the above/More than one of the above

३४६. In 1942, on the occasion of which festival Jayaprakash Narayan escaped from Hazaribagh jail?

- (A) Holi
- (B) Dussehra
- (C) Deepawali
- (D) Baisakhi
- (E) None of the above/More than one of the above

३४७. Dr. Rajendra Prasad was elected the Chairman of the Constituent Assembly in

- (A) October 1946
- (B) November 1946
- (C) December 1946
- (D) September 1946
- (E) None of the above/More than one of the above

३४८. Who is known as 'Frontier Gandhi'?

- (A) Shaukat Ali
- (B) Abul Kalam Azad
- (C) Abdul Gaffar Khan
- (D) M. A. Jinnah
- (E) None of the above/More than one of the above

३४९. Where was Jhansi Ki Rani Laxmibai died?

- (A) Kanpur
- (B) Gwalior
- (C) Jhansi
- (D) Lucknow
- (E) None of the above/More than one of the above

३५०. Who has said about Bengal Partition, "The partition announcement fell like a bomb shell"?

- (A) Gopal Krishna Gokhale
- (B) Bipin Chandra Pal
- (C) Chittaranjan Das
- (D) Surendra Nath Bannerjee
- (E) None of the above/More than one of the above

३५१. Sardar Udham Singh killed whom?

- (A) Curzon Wylie
- (B) Michael O'Dwyer
- (C) Saunders
- (D) General Dyer
- (E) None of the above/More than one of the above

३५२. A Clock is set right at 6 a.m. It gains 10 minutes in 24 hours. What will be the right time when the clock indicates 11 a.m. on the next day?

- (A) 48 minutes past 10
- (B) 50 minutes past 10
- (C) 54 minutes past 10
- (D) 10 a.m.
- (E) None of the above/More than one of the above

३५३. At what time between 5 and 6 will the two hands of a watch coincide?

- (A) 27 minutes past 5
- (B) 27 minutes past 5
- (C) 28 minutes past 5
- (D) 26 minutes past 5
- (E) None of the above/More than one of the above

३५४. Anil and Suman together can do a work in 12 days, which Anil alone can do in 20 days. If Suman alone has to do this work, he will take

- (A) 28 days
- (B) 29 days
- (C) 30 days
- (D) 27 days
- (E) None of the above/More than one of the above

३५५. What are the two natural numbers whose product is 2400 and the sum of whose squares is 5200?

- (A) 80, 30
- (B) 75, 32
- (C) 60, 40
- (D) 120, 20
- (E) None of the above/More than one of the above

३५६. In a mixture of 70 kg, the ratio of sand and cement is 4:1. How much sand should be added to the mixture so that the ratio of sand and cement in it becomes 6: 1?

- (A) 28 kg
- (B) 30 kg
- (C) 32 kg
- (D) 24 kg
- (E) None of the above/More than one of the above

349. Shashi loses 25% by selling oranges at the rate of ₹150 per dozen. At what rate should she sell them to get a profit of 20%?

- (A) ₹230 per dozen
- (B) ₹240 per dozen
- (C) ₹250 per dozen
- (D) ₹220 per dozen
- (E) None of the above/More than one of the above

350. The lengths of the diagonals of a rhombus are 10 cm and 24 cm. Its perimeter is

- (A) 52 cm
- (B) 56 cm
- (C) 60 cm
- (D) 48 cm
- (E) None of the above/More than one of the above

351. A train of length 140 m is running at a speed of 60 km/hr and a dog is running in the same direction parallel to the train at a speed of 18 km/hr. The train will cross the dog in

- (A) 11 seconds
- (B) 12 seconds
- (C) 12 seconds
- (D) 10 seconds
- (E) None of the above/More than one of the above

352. What type of lens is used in magnifying glass?

- (A) Plano-concave lens
- (B) Convex lens
- (C) Convex mirror
- (D) Concave lens
- (E) None of the above/More than one of the above

353. The paramagnetic theory of magnetism applies to

- (A) mercury
- (B) iron
- (C) platinum
- (D) nickel
- (E) None of the above/More than one of the above

354. The nucleus of an atom consists of

- (A) electrons and protons
- (B) protons and neutrons
- (C) electrons only
- (D) electrons and neutrons
- (E) None of the above/More than one of the above 67th B.P.S.C. (Pre) Re-Exam-30.9.2022

355. The metallurgical process in which a metal is obtained in a fused state is called

- (A) roasting
- (B) calcination
- (C) froth floatation
- (D) smelting
- (E) None of the above/More than one of the above

३६४. Which among the following are constituents of brass?

- (A) Iron and zinc
- (B) Copper and nickel
- (C) Iron and copper
- (D) Zinc and copper
- (E) None of the above/More than one of the above

३६५. Which among the following is known as quicklime?

- (A) CaCO_2
- (B) Ca(OH)_2
- (C) CaCl_2
- (D) CaO
- (E) None of the above/More than one of the above

३६६. What happens to the weight of iron, when it rusts?

- (A) Decreases then increases
- (B) Increases then decreases
- (C) Remains same
- (D) Increases for long time
- (E) None of the above/More than one of the above

३६७. Which among the following is also known as white metal?

- (A) Rhodium
- (B) Platinum
- (C) Palladium
- (D) Nickel
- (E) None of the above/More than one of the above

३६८. Consider the following statements with respect to noble metals: 1. Noble metals are found in pure form in nature. 2. Uranium and lead are examples of noble metal. Which of the above statements is/ are correct?

- (A) 2 only
- (B) Both 1 and 2
- (C) Brass is also noble metal
- (D) 1 only
- (E) None of the above/More than one of the above 67th B.P.S.C. (Pre) Re-Exam-30.9.2022

३६९. Consider the following statements: 1. Addition of salt to pure water increases the boiling point of water and decreases the freezing point of water. 2. When methyl alcohol is added to water, boiling point of water decreases. Which of the above statements is/ are correct?

- (A) 1 only
- (B) 2 only
- (C) Both 1 and 2
- (D) Salt and methyl alcohol are same in behaviour
- (E) None of the above/More than one of the above

३७०. Which among the following is the main constituent of biogas?

- (A) Propane
- (B) Butane
- (C) Ethane
- (D) Methane
- (E) None of the above/More than one of the above

३७१. Which among the following would cause the bright red colour due to bursting of crackers?

- (A) Sodium
- (B) Sulphur
- (C) Magnesium
- (D) Strontium,
- (E) None of the above/More than one of the above

३७२. What are salt-loving plants called?

- (A) Mesophytes
- (B) Glycophytes
- (C) Halophytes
- (D) Xerophytes
- (E) None of the above/More than one of the above

३७३. Fungi are plants that lack

- (A) carbon dioxide
- (B) chlorophyll
- (C) sunlight
- (D) oxygen
- (E) None of the above/More than one of the above

३७४. Pollination is best defined as

- (A) germination of pollen grains
- (B) growth of pollen tube in ovule
- (C) visiting flowers by insects
- (D) transfer of pollen grain from anther to stigma
- (E) None of the above/More than one of the above

३७५. Plants receive their nutrients mainly from

- (A) atmosphere
- (B) light
- (C) soil
- (D) chlorophyll
- (E) None of the above/More than one of the above

३७६. Pine, Fir, Spruce. Cedar, Larch and Cypress are the famous timber-yielding plants of which several also occur widely in the hilly regions of India. All these belong to

- (A) gymnosperm
- (B) monocotyledons
- (C) dicotyledons
- (D) angiosperm
- (E) None of the above/More than one of the above

३७७. From the following pairs, find the one which is correctly matched.

- (A) Tuberculosis - ATS
- (B) Tetanus - BCG
- (C) Malaria - Chloroquine.
- (D) Scurvy - Thiamine
- (E) None of the above/More than one of the above

396. The animal without red blood cells is

- (A) earthworm
- (B) snake
- (C) peacock
- (D) frog
- (E) None of the above/More than one of the above

399. The ultimate substance to which the carbohydrates are degraded, is

- (A) glycerol
- (B) glucose
- (C) maltose
- (D) amino acid
- (E) None of the above/More than one of the above

300. Most of the enzymes are

- (A) lipids
- (B) acids
- (C) alkalis
- (D) proteins
- (E) None of the above/More than one of the above

301. Who was the first scientist/doctor, who attempted vaccination?

- (A) Robert Koch
- (B) Elie Metchnikoff
- (C) Edward Jenner
- (D) Joseph Lister
- (E) None of the above/More than one of the above

302. The working principle of a washing machine

- (A) diffusion
- (B) centrifugation
- (C) dialysis
- (D) reverse osmosis
- (E) None of the above/More than one of the above

303. The speed of light will be minimum while passing through

- (A) vacuum
- (B) air
- (C) glass
- (D) water
- (E) None of the above/More than one of the above

304. Which of the following is not a vector quantity?

- (A) Velocity
- (B) Torque
- (C) Displacement
- (D) Speed
- (E) None of the above/More than one of the above

३८५. If the spinning speed of the earth increases, then the weight of the body at the equator will

- (A) decrease
- (B) remain same
- (C) be doubled
- (D) increase
- (E) None of the above/More than one of the above

३८६. Who is the first person to define speed?

- (A) Newton
- (B) Kepler
- (C) Ptolemy
- (D) Galileo
- (E) None of the above/More than one of the above

३८७. What is the law in which under the same conditions of temperature and pressure, equal volumes of all gases contain equal number of molecules?

- (A) Graham's law
- (B) Pascal's law
- (C) Avogadro's law
- (D) Coriolis effect
- (E) None of the above/More than one of the above

३८८. The 'theory of relativity' is presented by which scientist?

- (A) Isaac Newton
- (B) Stephen Hawking
- (C) Marie Curie
- (D) Albert Einstein
- (E) None of the above/More than one of the above

३८९. Due to temperature variation along a conductor, potential variation occurs along it. This phenomenon is known as

- (A) Joule effect
- (B) Seebeck effect
- (C) Peltier effect
- (D) Thomson effect
- (E) None of the above/More than one of the above

३९०. Who has become the first player to cross 3000 runs in the T20 International?

- (A) Steve Smith
- (B) Babar Azam
- (C) Mahendra Singh Dhoni
- (D) Virat Kohli
- (E) None of the above/More than one of the above

३९१. What is the name of the campaign launched to ensure complete COVID-19 vaccination (in June 2022)?

- (A) Atmanirbhar Vaccine Campaign 2.0
- (B) Pradhan Mantri Vaccine Campaign
- (C) Garib Kalyan Vaccine Campaign 2.0
- (D) Har Ghar Dastak Campaign 2.0
- (E) None of the above/More than one of the above

३९३. Who is the new Chief Minister of Maharashtra after 30th June, 2022?

- (A) Eknath Shinde
- (B) Ashok Chavan
- (C) Sushil Kumar Shinde
- (D) Devendra Fadnavis
- (E) None of the above/More than one of the above

३९३. Who has started the Har Ghar Tiranga Abhiyan on the occasion of India 75th Independence Day?

- (A) NITI Aayog
- (B) Indian Army
- (C) Central Government
- (D) Election Commission
- (E) None of the above/More than one of the above

३९४. Which State has become the first State in the country to initiate the process of implementing the Centre's New Education Policy?

- (A) Haryana
- (B) Rajasthan
- (C) Punjab
- (D) Uttarakhand
- (E) None of the above/More than one of the above

३९५. Consider the following pairs Governors and the Indian States: State Governor 1. Rajasthan Kalraj Mishra 2. Uttar Pradesh Anandiben Patel 3. West Bengal Satya Pal Malik 4. Gujarat. Phagu Chauhan Which of the pairs given above is/are correctly matched?

- (A) 3 and 4 only
- (B) 3 only
- (C) 1, 3 and 4 only
- (D) 1 and 2 only.
- (E) None of the above/More than one of the above

३९६. Which Which of the following ministries/ organizations has released 'Youth in India of Report, 2022'?

- (A) Population Foundation of India
- (B) Ministry of Statistics and Programme Implementation (MoSPI)
- (C) United Nations Population Fund (UNPF)
- (D) Ministry of Health and Family Welfare
- (E) None of the above/More than one of the above

३९७. Elavenil Valarivan, Shreya Agarwal and Ramita, seen in the news, are associated with which sports? 67th B.P.S.C.

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- (A) Shooting
- (B) Fencing
- (C) Sailing
- (D) Wrestling
- (E) None of the above/More than one of the above

३९८. Recently who has been assigned the charges of the Ministry of Minority Affairs?

- (A) Amit Shah
- (B) Nirmala Sitharaman
- (C) Piyush Goyal
- (D) Smriti Irani
- (E) None of the above/More than one of the above

३९९. Who was the candidate of the United Progressive Alliance (UPA) in the 15th Presidential Election in India?

- (A) Shatrughan Sinha
- (B) Droupadi Murmu
- (C) Shankar Agarwal
- (D) Yashwant Sinha
- (E) None of the above/More than one of the above

४००. Who has received the International Booker Prize for her novel, Tomb of Sand (Ret Samadhi)?

- (A) Arundhati Roy
- (B) Anita Desai
- (C) Kiran Desai
- (D) Geetanjali Shree
- (E) None of the above/More than one of the above

४०१. Who has been awarded with the Dadasaheb Phalke Indian Television Award in 2022 from Bihar?

- (A) Deep Shrestha
- (B) Madan Pande
- (C) Shatrughan Sinha
- (D) Sharad Sinha
- (E) None of the above/More than one of the

४०२. According to the Economic Survey of Bihar 2021-22, what is the level of urbanization in the State at present?

- (A) 22.4%
- (B) 15.3%
- (C) 18.6%
- (D) 11.6%
- (E) None of the above/More than one of the above 67th B.P.S.C. (Pre) Re-Exam-30.9.2022

४०३. Who is the Brand Ambassador of Khadi in Bihar?

- (A) Rajesh Tiwari
- (B) Manoj Tiwari
- (C) Manoj Vajpayee
- (D) Pawan Singh
- (E) None of the above/More than one of the above

४०४. In which district of Bihar, the world's tallest (251 m) statue of Mother Sita will be constructed?

- (A) Sitamarhi
- (B) Bodh Gaya
- (C) Patna
- (D) Madhubani
- (E) None of the above/More than one of the above

804. Match List-I with List-II: List-I List-II A. Governor of 1. Mr. Nitish Kumar B. Chief Justice 2. Mr. H. R. of Bihar Srinivas C. Chief 3. Mr. Sanjay Minister of Karol Bihar D. Chief 4. Mr. Fagu Electoral Chauhan Officer of Bihar
Choose the correct answer from the options given below. A B C D

- (A) 1 2 3 4
- (B) 4 3 1 2
- (C) 4 2 1 3
- (D) 3 2 1 4
- (E) None of the above/More than one of the above

805. The 'Operation Prahar' in Bihar is related to

- (A) literacy campaign
- (B) no smoking
- (C) liquor ban
- (D) COVID-19 vaccination
- (E) None of the above/More than one of the above

806. Hrithik Anand from Bihar has won medal for India at the 24th Summer Deaf Badminton Olympics held in Brazil?

- (A) Silver medal
- (B) Bronze medal
- (C) Platinum medal
- (D) Gold medal
- (E) None of the above/More than one of the above

807. At which place in Bihar, North India's first bird Ringing Station has been recently opened?

- (A) Saran
- (B) East Champaran
- (C) West Champaran
- (D) Bhagalpur
- (E) None of the above/More than one of the above

808. Which of the following in Bihar started the Vulture's Conservation Plan?

- (A) Rajgir Wildlife Sanctuary
- (B) Valmiki Tiger Reserve
- (C) Kanwar Lake Bird Sanctuary
- (D) Kaimu Tiger Reserve.
- (E) None of the above/More than one of the above

809. "Sunandini Program' is related to the

- (A) Auxiliary Nurse Midwives (ANMs)
- (B) Primary health centre's doctors
- (C) Members of Gram Panchayat
- (D) Anganwadi workers
- (E) None of the above/More than one of the above

810. Which country's former Prime Minister Shinzo Abe was shot dead during the election campaign in July 2022?

- (A) Japan
- (B) Ukraine
- (C) Sri Lanka
- (D) France
- (E) None of the above/More than one of the above

४१३. The UN General Assembly has adopted an India-sponsored resolution on multi lingualism. Which language is mentioned in that for the first time?

- (A) Sanskrit
- (B) Bengali
- (C) Hindi.
- (D) Urdu
- (E) None of the above/More than one of the above

४१३. Who presided an emergency session of the General Assembly to discuss Russia's military operations in Ukraine?

- (A) Volkan Bozkir
- (B) António Guterres
- (C) Kofi Annan
- (D) Abdulla Shahid
- (E) None of the above/More than one of the above

४१४. India evacuated people as part of which Mission to bring Indians from war-hit Ukraine, in February 2022?

- (A) Operation Maitri
- (B) Operation Vijay
- (C) Operation Ganga
- (D) Operation Rakshak
- (E) None of the above/More than ono of the above

४१५. Racently China has claimed rights over territories around the "Sakteng Wildlife Sanctuary" claiming it as a 'disputed region'. This Wildlife Sanctuary is located in

- (A) Bhutan
- (B) Nepal
- (C) Bangladesh
- (D) Arunachal Pradesh
- (E) None of the above/More than one of the above

४१६. Which Indian State/UT has been chosen to host the G20 Summit in 2023?

- (A) Gujarat
- (B) Jammu and Kashmir
- (C) Delhi
- (D) Goa
- (E) None of the above/More than one of the above

४१७. With reference to the UN peacekeeping operations, consider the following statements: 1. UN peacekeepers can use force only for their self- defence. 2. Peacekeeping operations can only be withdrawn by a resolution by the UN Security Council. 3. USA is the largest budget contributor to the UN peacekeeping operations. Which of the statements given above is/are correct?

- (A) 2 and 3 only
- (B) 3 only
- (C) 1, 2 and 3
- (D) 1 and 2 only
- (E) None of the above/More than one of the above

886. Which country has recently signed a free trade agreement (FTA) with the United Arab Emirates?

- (A) Australia
- (B) Italy
- (C) Pakistan
- (D) Israel
- (E) None of the above/More than one of the above

888. Which country launched its first satellite 'Arktika-M' to monitor the climate of the Arctic? 67th B.P.S.C. (Pre)

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- (A) China
- (B) Russia
- (C) India
- (D) Japan
- (E) None of the above/More than one of the above

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880. The parts of the skeleton that are not as hard as bones and which can be bent are called as

- (A) vertebrae
- (B) carpals
- (C) cartilage
- (D) More than one of the above
- (E) None of the above

888. In lichen, a chlorophyll- containing partner, _____ live together.

- (A) alga and a fungus.
- (B) fungus and a bacterium
- (C) alga and a virus
- (D) More than one of the above
- (E) None of the above

888. Female Anopheles can be distinguished from female Culcx because it sits

- (A) at right angle to angle to the surface substratum
- (B) at an angle with substratum
- (C) parallel to the surface of substratum
- (D) More than one of the above
- (E) None of the above

888. The most important cell type associated with the immunity of the body is

- (A) RBCs
- (B) platelets
- (C) lymphocytes
- (D) More than one of the above
- (E) None of the above.

888. Which one of the following statements is incorrect about muscles in human body?

- (A) Muscles can only push the bone.
- (B) Muscles work in pairs.
- (C) Muscles become shorter, stiffer and thicker when contracted.
- (D) More than one of the above
- (E) None of the above. B.P.S.C. (Pre)

- ৪২৭. Large number of thin strips of black paint are made on the surface of convex lens of focal length 20 cm to catch the image of a white horse. The image will be**
- (A) a horse of less brightness
 - (B) a zebra of black stripes
 - (C) a horse of black stripes
 - (D) More than one of the above
 - (E) None of the above
- ৪২৮. Shrillness of sound is determined by**
- (A) velocity of sound
 - (B) amplitude of sound
 - (C) wavelength of sound frequency
 - (D) More than one of the above
 - (E) None of the above
- ৪২৯. Which of the following photoelectric devices is most suitable for digital applications?**
- (A) Photodiode
 - (B) Photovoltaic cell
 - (C) Photoemitter
 - (D) More than one of the above
 - (E) None of the above
- ৪৩০. Ball bearings are used to convert static friction into**
- (A) rolling friction
 - (B) drag
 - (C) sliding friction
 - (D) More than one of the above
 - (E) None of the above
- ৪৩১. A goalkeeper in a game of football pulls his hands backwards after holding the ball shot at the goal. This enables the goalkeeper to**
- (A) decrease the rate of change of momentum
 - (B) exert large force on the ball
 - (C) increase the force exerted by the ball on hands
 - (D) More than one of the above
 - (E) None of the above
- ৪৩২. Which among the following is a positively charged particle emitted by a radioactive element?**
- (A) Cathode ray
 - (B) Beta ray
 - (C) Alpha ray
 - (D) More than one of the above
 - (E) None of the above
- ৪৩৩. Centripetal force is responsible to**
- (A) independent motion of the object in space
 - (B) keep the body moving along the circular path
 - (C) fly the object along a straight line
 - (D) More than one of the above
 - (E) None of the above

832. Which of the following energy changes involves frictional force?

- (A) Kinetic energy to heat energy
- (B) Potential energy to sound energy
- (C) Chemical energy to heat energy
- (D) More than one of the above
- (E) None of the above

833. A bus is moving along a straight path and takes a sharp turn to the right side suddenly. The passengers sitting in the bus will

- (A) bent towards right side
- (B) fall in the forward direction
- (C) bent towards left side
- (D) More than one of the above
- (E) None of the above

834. Before playing the orchestra in a musical concert, a sitarist tries to adjust the tension and pluck the string suitably. By doing so, he/ she is adjusting

- (A) frequency of the sitar string with the frequency of other musical instruments
- (B) amplitude of sound
- (C) intensity of sound
- (D) More than one of the above
- (E) None of the above

835. A form of matter has no fixed shape but it has a fixed volume. An example of this form of matter is

- (A) carbon steel
- (B) krypton
- (C) kerosene
- (D) More than one of the above
- (E) None of the above

836. Some metal oxides react with acid as well as base to produce salt and water. They are known as amphoteric oxides. The examples of amphoteric oxides are

- (A) CuO and ZnO
- (B) Al₂O₃ and ZnO
- (C) Al₂O₃ and CuO
- (D) More than one of the above
- (E) None of the above

837. Which gas contributes to global warming through its greenhouse effect?

- (A) Carbon dioxide
- (B) Nitrous oxide
- (C) Methane
- (D) More than one of the above
- (E) None of the above

838. Acids react with metal carbonates to liberate _____ gas.

- (A) H₂
- (B) CO₂
- (C) CO
- (D) More than one of the above
- (E) None of the above

838. Which acid is described as HOOC⁻COOH?

- (A) Carbonic acid
- (B) Oxalic acid
- (C) Acetic acid
- (D) More than one of the above
- (E) None of the above

839. You have been provided with three test tubes. One of them contains distilled water and the other two contain an acidic solution and a basic solution, respectively. Which of them will turn red litmus to blue?

- (A) Distilled water
- (B) Acid
- (C) Base
- (D) More than one of the above
- (E) None of the above

840. The odour of acetic acid resembles that of

- (A) vinegar
- (B) tomato
- (C) kerosene
- (D) More than one of the above
- (E) None of the above

841. Why does dry HCl gas not change the colour of dry litmus paper?

- (A) HCl gas acts as a dehydrating agent.
- (B) Blue litmus becomes dry in the presence of dry HCl gas.
- (C) No H⁺ ions are present. Litmus changes colour only in the presence of H⁺ ions.
- (D) More than one of the above
- (E) None of the above

842. Detect the odd one.

- (A) Ripening of fruit
- (B) Setting of cement
- (C) Burning of coal
- (D) More than one of the above
- (E) None of the above

843. Which of the following statements about diamond and graphite is true?

- (A) They have same electrical conductivity.
- (B) They have same crystal structure.
- (C) They have same degree of hardness.
- (D) More than one of the above
- (E) None of the above

844. The stomata open or close due to change in the

- (A) position of nucleus in cells
- (B) protein composition of cells
- (C) amount of water in cells
- (D) More than one of the above
- (E) None of the above

888. Chlorophyll absorbs _____ wavelengths of the sunlight.

- (A) red and blue
- (B) green and blue
- (C) green and red
- (D) More than one of the above
- (E) None of the above

889. Which of the following is not a correct match?

- (A) Petiole: Attaches leaf to stem
- (B) Thick, hard stem with branching near base: Tree
- (C) Weak stem which cannot stand upright: Creeper
- (D) More than one of the above
- (E) None of the above

880. Water reaches great heights in trees because of suction pull caused by

- (A) evaporation
- (B) absorption
- (C) transpiration
- (D) More than one of the above
- (E) None of the above

889. Which among the following is a character of chloroplast which makes them qualified to self- replication?

- (A) Presence of both DNA and RNA
- (B) Presence of DNA only
- (C) Absence of RNA
- (D) More than one of the above
- (E) None of the above

890. Select the missing number from the given alternatives: 44 49 37 52? 41 58 35 53

- (A) More than one of the above
- (B) None of the above

891. Find the missing number in the given series following the same pattern: 15, 20, 32, 62, 118, 248,?

- (A) More than one of the above
- (B) None of the above

892. In a code language, if FASTER is written as 2229212319 and MONK is written as 15161412, then how will GUIDE be written in the same language?

- (A) More than one of the above
- (B) None of the above

893. A rectangle has an area 30 cm and perimeter 26 cm. Its sides (in cm) are

- (A) 10, 3
- (B) 5, 6
- (C) 2, 15
- (D) More than one of the above
- (E) None of the above

848. A shopkeeper offers 10% discount on an item with marked price ₹400. If he charges 10% GST, then the final price of the item is

- (A) ₹380
- (B) ₹400
- (C) ₹396
- (D) More than one of the above
- (E) None of the above

849. Arrange the following words in logical and meaningful order: 1. Vice President 2. President 3. Speaker 4. Prime Minister 5. Members of the Parliament

- (A) 5, 1, 2, 3, 4
- (B) 4, 2, 1, 3, 5
- (C) 2, 1, 4, 3, 5
- (D) More than one of the above
- (E) None of the above

850. Reshma donates one-fourth of her property to a charity organization and divides the remaining property equally among her three children. The part of property each child gets is

- (A) half
- (B) one-fourth
- (C) two-thirds
- (D) More than one of the above
- (E) None of the above

851. Which of the following statements is false?

- (A) Every square is a rhombus.
- (B) Every square is a rectangle.
- (C) Every rhombus is a parallelogram.
- (D) More than one of the above
- (E) None of the above

852. In a family of some persons, B says that R is the daughter of my sister A, who is the only daughter of T. X is the child of T and Z, who is the grandmother of H. K is the mother of M, who is the only sister of H. X is unmarried. If S is the spouse of A, how is K related to S?

- (A) Brother-in-law
- (B) Sister-in-law
- (C) Wife of brother-in-law
- (D) More than one of the above
- (E) None of the above

853. With reference to the Consumer Disputes Redressal at the district level in India, which one of the following statements is not correct?

- (A) The District Forum entertains the complaints where the value of goods or services does not exceed rupees fifty lakhs.
- (B) The State Government can establish more than one District Forum in a district if it deems fit.
- (C) One of the members of the District Forum shall be a woman.
- (D) More than one of the above
- (E) None of the above

४६०. At what level does a Panchayat Samiti operate a Panchayati Raj structure?

- (A) Block-level body
- (B) District level
- (C) Gram Panchayat level
- (D) More than one of the above
- (E) None of the above

४६१. Which one of the following was established as the first programme of community development?

- (A) Cooperation Movement
- (B) National Extension Service
- (C) Integrated Rural Development Programme
- (D) More than one of the above
- (E) None of the above

४६२. The phrase 'equality before law' used in Article 14 of the Indian Constitution has been borrowed from the Constitution of

- (A) France
- (B) Britain
- (C) USA
- (D) More than one of the above
- (E) None of the above

४६३. What was the duration in the making of the Indian Constitution?

- (A) 2 years 11 months and 18 days
- (B) 1 year 10 months and 12 days
- (C) 2 years 10 months and 5 days
- (D) More than one of the above
- (E) None of the above

४६४. The Council of Ministers in a State is collectively responsible to

- (A) the Legislative Assembly
- (B) the Chief Minister
- (C) the Governor
- (D) More than one of the above
- (E) None of the above

४६५. Consider the following statements: In the post-73rd Amendment era, there has to be decentralization of 1. decision-making powers 2. system as a whole 3. judicial powers 4. administrative powers Which of the above statements are correct?

- (A) 2, 3 and 4 only
- (B) 1, 2 and 3 only
- (C) 1, 2 and 4 only
- (D) More than one of the above
- (E) None of the above

४६६. The representation in the Rajya Sabha includes

- (A) members nominated by the President of India
- (B) members directly elected by citizens
- (C) members indirectly elected by citizens through their representatives
- (D) More than one of the above
- (E) None of the above

४६७. Which of the following is concerned with the Supreme Court of India?

- (A) Collegium system
- (B) Appellate jurisdiction
- (C) Original jurisdiction
- (D) More than one of the above
- (E) None of the above

४६८. The minimum age for contesting elections to the Panchayati Raj Institutions should be how many years according to the 73rd Constitutional Amendment Act?

- (A) 18 years
- (B) 21 years
- (C) 25 years
- (D) More than one of the above
- (E) None of the above

४६९. At what percentage has Bihar registered the lowest Female Workforce Participation Rate for the year 2020-2022?

- (A) 7% in rural and 9.1% in urban areas
- (B) 4% in rural and 6.5% in urban areas
- (C) 6% in rural and 8.1% in urban areas
- (D) More than one of the above
- (E) None of the above

४७०. The maximum number of tax industries is in which district?

- (A) Kishanganj
- (B) Darbhanga
- (C) Purnia
- (D) More than one of the above
- (E) None of the above

४७१. According to the National Family Survey-5 released by the Union Ministry of Health and Family Welfare on November 24, 2021, there has been a significant improvement in the sex ratio of Bihar. It has increased from _____ in 2015-2016 to _____ in 2020-2022.

- (A) 1030, 1050
- (B) 1062, 1090
- (C) 1040, 1070
- (D) More than one of the above
- (E) None of the above

४७२. According to the Bihar Economic Survey (2021-2022), what was the rate of growth of Gross State Domestic Product (GSDP) of Bihar in 2020-2021?

- (A) 2.5%
- (B) 3%
- (C) 2%
- (D) More than one of the above
- (E) None of the above

893. Which one of the following is correct for Bihar economy?

- (A) The occupational structure of the economy is stagnant from above.
- (B) The growth rate is one of the lowest in India at 2.5%.
- (C) Bihar produces mostly primary goods.
- (D) More than one of the above
- (E) None of the above

898. Which of the following are the objectives of the SEZ Act, 2005? 1. Generation of additional economic activity 2.

Promotion of exports of goods and services 3. Creation of employment

- (A) 1 and 3 only
- (B) 1, 2 and 3
- (C) 2 and 3 only
- (D) More than one of the above
- (E) None of the above

899. What is the policy measure adopted by the Government of India to improve the system of agricultural marketing?

- (A) Public Distribution System (PDS)
- (B) Minimum Support Price (MSP)
- (C) Maintenance of Buffer Stock
- (D) More than one of the above
- (E) None of the above

900. Which committee suggested the enactment of the Competition Act, 2002?

- (A) Vijay Kelkar Committee
- (B) Rangarajan Committee
- (C) S. V. S. Raghavan Committee
- (D) More than one of the above
- (E) None of the above

901. Match List-I with List-II: List-I List-II a. Grey 1. Onion Revolution production b. Pink 2. Tomato Revolution and meat production c. Silver 3. Production of Revolution eggs 4. Red d. Fertilizers Revolution a b c d

- (A) 1 4 2 3
- (B) 4 1 3 2
- (C) 3 1 4 2
- (D) More than one of the above
- (E) None of the above

902. Which of the following Five-Year Plans was focused on Human Resource Development?

- (A) Fifth
- (B) First
- (C) Third
- (D) More than one of the above
- (E) None of the above

903. Which of the following States of India received the highest Foreign Direct Investment (FDI) equity flow during April to September 2022?

- (A) Gujarat
- (B) Karnataka
- (C) Tripura
- (D) More than one of the above
- (E) None of the above

820. In which budget did the Finance Minister announce the Liberalized Exchange Rate Management System?

- (A) Union Budget, 1993-1994
- (B) Union Budget, 1991-1992
- (C) Union Budget, 1992-1993
- (D) More than one of the above
- (E) None of the above

821. Which of the following were goals of the Five-Year Plans? 1. Growth 2. Modernization 3. Self-reliance 4. Literature

- (A) 1, 2 and 4 only
- (B) 1, 3 and 4 only
- (C) 2, 3 and 4 only
- (D) More than one of the above
- (E) None of the above

822. Which organization carries out the survey for determining the poverty line?

- (A) RBI
- (B) NSSO
- (C) NITI Aayog
- (D) More than one of the above
- (E) None of the above

823. The trade balance of India (merchandise and services) for December 2022 (provisional) is

- (A) (-) 11.98 USD billion
- (B) (-) 10.50 USD billion
- (C) (+) 11.98 USD billion
- (D) More than one of the above
- (E) None of the above

824. During the Salt Satyagraha in Bihar, in addition to making salt, the people chose to oppose the government by opposing which tax?

- (A) Malba
- (B) Haathi
- (C) Development
- (D) More than one of the above
- (E) None of the above

825. The elected Government of Bihar formed by Shri Krishna Singh resigned in February 1938 for which reason?

- (A) Satyagraha against the British at the call of Gandhiji
- (B) Participation in the Freedom Struggle of India
- (C) For the release of political prisoners
- (D) More than one of the above
- (E) None of the above

826. Who saved the life of Gandhiji in Bihar during Champaran Satyagraha?

- (A) Ravindra Pathak
- (B) Batak Mian
- (C) Hamid Ansari
- (D) More than one of the above
- (E) None of the above

829. Who led cultivators in Bihar during the Non-Cooperation Movement?

- (A) Shri Krishna Singh
- (B) Swami Vidyanand
- (C) Raj Kumar Shukla
- (D) More than one of the above
- (E) None of the above

830. The Swadeshi and Boycott were adopted as the methods of struggle for the first time during the

- (A) Home Rule Movement
- (B) visit of the Simon Commission to India
- (C) Partition of Bengal
- (D) More than one of the above
- (E) None of the above

831. At the Calcutta Session of the Indian National Congress (INC) held in 1906, the Flag of Swaraj for India was unfurled by

- (A) G. K. Gokhale
- (B) A. O. Hume
- (C) Dadabhai Naoroji
- (D) More than one of the above
- (E) None of the above

832. During the freedom struggle, a parallel movement launched in the Indian States (in the States ruled by the Indian rulers such as Kashmir, Nizam's Hyderabad, Travancore, etc.) was

- (A) Swaraj Movement
- (B) State People's Movement
- (C) Praja Mandal Movement
- (D) More than one of the above
- (E) None of the above

833. Which of the following statements regarding the Indian freedom struggle is not correct?

- (A) Mahatma Gandhi was arrested in the year 1921.
- (B) Gandhiji withdrew from the Non-Cooperation Movement due to the Chauri-Chaura Incident.
- (C) Gandhiji gave his first major public speech at Banaras Hindu University.
- (D) More than one of the above
- (E) None of the above

834. Which one of the following was a journal brought out by Abul Kalam Azad?

- (A) Zamindar
- (B) The Comrade
- (C) Al-Hilal
- (D) More than one of the above
- (E) None of the above

835. How did the study of history help in creating a feeling of nationalism in India towards the end of the 19th century?

- (A) By urging people to struggle and change the miserable conditions of life under the British rule
- (B) By reinterpreting history and refuting the British portrayal of Indians as backward, primitive and incapable of governing themselves
- (C) By writing about India's glorious past and urging people to take pride in their achievements
- (D) More than one of the above
- (E) None of the above

898. Which of the following statements are not correct regarding the Non-Cooperation Movement in the towns? 1. Only the upper caste and the rich took part in the movement. 2. The council elections were boycotted even by the Justice Party of Madras. 3. Thousands of students left government- controlled schools, headmasters and teachers resigned and lawyers gave up their practice.

- (A) 1 and 2 only
- (B) 1 and 3 only X
- (C) 2 and 3 only X
- (D) More than one of the above
- (E) None of the above

899. "A Sanyasi who came to that district after a spell as an indentured labourer in Fiji, carrying a copy of Tulsidas Ramayana on his back from which he would recite verses to rural audience." The peasant leader referred to here is

- (A) Baba Ram Chandra
- (B) Jhinguri Singh
- (C) Yadunandan Sharma
- (D) More than one of the above
- (E) None of the above

899. Who was the founder of All India Harijan Sangh in 1932?

- (A) Dr. B. R. Ambedkar
- (B) Jagjivan Ram
- (C) Mahatma Gandhi
- (D) More than one of the above
- (E) None of the above

899. On February 20, 1947, Prime Minister Attlee announced the British Government's decision to withdraw from India latest by

- (A) June 1948
- (B) August 1947
- (C) January 1948
- (D) More than one of the above
- (E) None of the above

899. Who established Swaraj Dal in Bihar?

- (A) Bankim Chandra Mitra
- (B) Shri Krishna Singh
- (C) Ramlal Shah
- (D) More than one of the above
- (E) None of the above

899. Who among the following made an offer to Humayun that he would surrender Bihar and pay an annual tribute of 10 lakh dinars if he was allowed to retain Bengal?

- (A) Bahadur Shah
- (B) Sher Khan
- (C) Bairam Khan
- (D) More than one of the above
- (E) None of the above

५००. The Vikramshila University was established by

- (A) Gopala
- (B) Dharmapala
- (C) Devapala
- (D) More than one of the above
- (E) None of the above

५०१. Who among the following was the first Governor of Bihar?

- (A) Sir Maurice Garnier Hallett
- (B) Sir James David Sifton
- (C) Sir Hugh Dow
- (D) More than one of the above
- (E) None of the above

५०२. Who was the author of Mahatma Gandhi and Bihar, Some Reminiscences?

- (A) Dr. Rajendra Prasad
- (B) J. P. Narayan
- (C) Karpoori Thakur
- (D) More than one of the above
- (E) None of the above

५०३. Which is the oldest church in Bihar?

- (A) Padri Ki Haveli
- (B) Luke's Church
- (C) Stephen's Church the
- (D) More than one of the above
- (E) None of the above

५०४. The late actor Kumudlal Ganguly, also known by his stage name Ashok Kumar, was born in which of the following cities of Bihar?

- (A) Patna
- (B) Munger
- (C) Bhagalpur
- (D) More than one of the above
- (E) None of the above

५०५. In ancient times, the area to the south of the Ganga was known as

- (A) Anarta
- (B) Takshashila
- (C) Chola
- (D) More than one of the above
- (E) None of the above

५०६. When did the use of iron begin in Indian subcontinent?

- (A) Around 9000 years ago
- (B) Around 12000 years ago
- (C) Around 6000 years ago
- (D) More than one of the above
- (E) None of the above

- ५०७. According to the rock inscription in Sanskrit, composed around second century CE, Sudarshan Lake, an artificial reservoir, was repaired by**
- (A) Harsha
 - (B) Kanishka
 - (C) Rudradaman
 - (D) More than one of the above
 - (E) None of the above
- ५०८. The temple of Deogarh near Jhansi and the sculptures in the temple at Garhwa near Allahabad are the important remains of the**
- (A) Maurya art
 - (B) Gupta art
 - (C) Rashtrakuta art
 - (D) More than one of the above
 - (E) None of the above (33)
- ५०९. In which of the following battles are the main opponents not correctly stated?**
- (A) Battle of Haldighati-Maharana Pratap and Akbar
 - (B) First Battle of Panipat-Babur and Ibrahim Lodi
 - (C) Second Battle of Panipat-Tipu Sultan and Marathas
 - (D) More than one of the above
 - (E) None of the above
- ५१०. During the Delhi Sultanate, the designation 'Muqaddam or Chaudhari' was used for**
- (A) village headman
 - (B) revenue officials
 - (C) village accountant
 - (D) More than one of the above
 - (E) None of the above
- ५११. Tabaqat-i-Akbari, which has been sometimes considered more reliable than Abul Fazl's Akbarnama, was written by**
- (A) Gulbadan Begum
 - (B) Nizamuddin Ahmad
 - (C) Abdul Hamid Lahori
 - (D) More than one of the above
 - (E) None of the above
- ५१२. Who among the following famous rulers founded a suburban township of Nagalapuram, near Vijayanagara, after his mother's name?**
- (A) Krishnadevaraya
 - (B) Harihara
 - (C) Bukka
 - (D) More than one of the above
 - (E) None of the above
- ५१३. In 1940, Patna Women's College was founded by which of the following societies?**
- (A) Sisters of the Apostolic Carmel
 - (B) Society of Jesus
 - (C) Irish Christian Brothers
 - (D) More than one of the above
 - (E) None of the above

५१४. Who among the following headed the two Boundary Commissions set up to delineate the international frontiers between India and Pakistan in 1947?

- (A) Cyril Radcliffe
- (B) A. P. Moon
- (C) A. V. Alexander
- (D) More than one of the above
- (E) None of the above

५१५. Who introduced the system of Mahalwari Settlement in Bengal?

- (A) Lord Hastings
- (B) Lord Cornwallis
- (C) Holt Mackenzie
- (D) More than one of the above
- (E) None of the above

५१६. In 1940, Vinoba Bhave started individual Satyagraha from

- (A) Punnappa-Vayalar, Kerala
- (B) Nadiad in Kheda district, Gujarat
- (C) Pavnar, Maharashtra
- (D) More than one of the above
- (E) None of the above

५१७. The Congress took a critical stand over the Montford Reforms in 1918, which led to break up with the old moderate remnants (Sapru, Jayakar and Chintamani) who formed the

- (A) Indian National Liberal Federation
- (B) Servants of India Society
- (C) Swaraj Party
- (D) More than one of the above
- (E) None of the above

५१८. The Cabinet Mission was sent to India for which of the following? 1. To establish a national government 2. To work out a constitutional arrangement for the transfer of power 3. To work out the details of Jinnah's demand for Pakistan

- (A) 3 only
- (B) 1 only
- (C) 2 only
- (D) More than one of the above
- (E) None of the above

५१९. The first 'floating solar power plant' has been built at which place in Bihar?

- (A) Kadirabad, Darbhanga
- (B) Dilabarpur, Darbhanga
- (C) Jamalpur, Darbhanga
- (D) More than one of the above
- (E) None of the above

५२०. According to the Economic Survey for the year 2019-2020, which district has lowest per capita income?

- (A) Sitamarhi
- (B) Sheohar
- (C) Araria
- (D) More than one of the above
- (E) None of the above

५२१. According to the NITI Aayog SDG Report for the year 2020- 2021, how much did the State of Bihar score?

- (A) 52 out of 100
- (B) 22 out of 100
- (C) 35 out of 100
- (D) More than one of the above
- (E) None of the above

५२२. Which sport has been included in the Khelo India Women's Tournament for the first time?

- (A) Archery
- (B) Cricket
- (C) Track Cycling
- (D) More than one of the above
- (E) None of the above

५२३. Which of the following has been awarded the Geographical Indication (GI) Tag in August 2022?

- (A) Mithila Makhana
- (B) Applique (Khatwa) Work of Bihar
- (C) Sikki Grass Products of Bihar
- (D) More than one of the above
- (E) None of the above

५२४. Which of the following has been added to the UNESCO World Heritage List in 2022?

- (A) Archaeological Site of Nalanda Mahavihara at Nalanda
- (B) Astronomical Observatory at the Langat Singh College
- (C) Mahabodhi Temple Complex at Bodh Gaya
- (D) More than one of the above
- (E) None of the above

५२५. In the year 2020, Bihar gained the rank out of 36 States in the Ease of Doing Business, awarded by Business Reforms Action Plan (BRAP).

- (A) 25th
- (B) 23rd
- (C) 24th
- (D) More than one of the above
- (E) None of the above

५२६. Ganga Jal Aapurti Yojana was inaugurated by Chief Minister Nitish Kumar on November 28, 2022 at which place?

- (A) Bodh Gaya
- (B) Lakhisarai
- (C) Rajgir
- (D) More than one of the above
- (E) None of the above

५२७. Which of the following associations/boards declared equal pay for men and women players in October 2022?

- (A) Gujarat Cricket Association
- (B) Bihar Cricket Association
- (C) Board of Control for Cricket in India
- (D) More than one of the above
- (E) None of the above

५२८. The urbanization of the State has increased very rapidly in the last ten years. According to the 2011 Census, the level of urbanization in Bihar was just _____ per cent, which has _____ increased to per cent at present.
- (A) 14.4, 15.5
 (B) 11.3, 15.3
 (C) 12.2, 13.1
 (D) More than one of the above
 (E) None of the above
५२९. Which of the following Union Ministries recently launched the YUVA 2.0 Scheme in 2022?
- (A) AYUSH Mantralay
 (B) Health and Family Welfare Ministry
 (C) Education Ministry
 (D) More than one of the above
 (E) None of the above
५३०. The Ministry of Home Affairs has completed the Mother Tongue Survey of India (MTSI) in November 2022 with field videography of the country's how many languages?
- (A) More than one of the above
 (B) None of the above
५३१. Which of the following committees submitted a report on gas pricing, recommending complete pricing freedom from January 1, 2026?
- (A) P. K. Mohanty Committee
 (B) Arun Goel Committee
 (C) Kirit Parikh Committee
 (D) More than one of the above
 (E) None of the above
५३२. Which of the following cities was not conferred with five-star garbage-free city rank according to Swachh Survekshan, 2022?
- (A) Navi Mumbai
 (B) Surat
 (C) Bhopal
 (D) More than one of the above
 (E) None of the above
५३३. The Prime Minister inaugurated the first greenfield airport 'Donyi Polo Airport' in which of the following locations?
- (A) Dibrugarh
 (B) Dholka
 (C) Itanagar
 (D) More than one of the above
 (E) None of the above
५३४. Which animal has been approved as a food animal by the Food Safety and Standards Authority of India (FSSAI) in November 2022?
- (A) Himalayan tahr
 (B) Himalayan yak
 (C) Mountain goat
 (D) More than one of the above
 (E) None of the above

५३५. India's first floating financial literacy camp was organized recently by India Post Payments Bank in which of the following locations?

- (A) Kerala
- (B) Srinagar
- (C) Andaman Islands
- (D) More than one of the above
- (E) None of the above

५३६. The President of India inaugurated 'PARAM KAMRUPA' Supercomputer facility at which of the following IITs?

- (A) Guwahati
- (B) Kharagpur
- (C) Bombay
- (D) More than one of the above
- (E) None of the above

५३७. In the 90th Indian Air Force Day, celebrated on 8th October, 2022, an hour-long air display of eighty aircrafts was carried out over which of the following locations?

- (A) Sukhna Lake, Chandigarh
- (B) Gateway of India, Mumbai
- (C) Dal Lake, Jammu and Kashmir
- (D) More than one of the above
- (E) None of the above

५३८. Which month of the year is celebrated as Rashtriya Poshan Maah or National Nutrition Month under the Poshan Abhiyaan of the Government of India?

- (A) July
- (B) May
- (C) September
- (D) More than one of the above
- (E) None of the above

५३९. What is the name of recently launched final module of China's Tiangong Space Station?

- (A) Mengtian
- (B) Tianhe
- (C) Wentian
- (D) More than one of the above
- (E) None of the above

५४०. Which of the following is the world's largest volcano erupted for the first time in 38 years?

- (A) Haleakala
- (B) Mount St. Helens
- (C) Mauna Loa
- (D) More than one of the above
- (E) None of the above

481. Who among the following recently received the 2022 Booker Prize for his novel, The Seven Moons of Maali Almeida?

- (A) Shehan Karunatilaka
- (B) Michael Ondaatje
- (C) Pradeep Mathew
- (D) More than one of the above
- (E) None of the above

482. What was the theme of the World Space Week, 2022?

- (A) Space and Sustainability
- (B) Women in Space
- (C) Satellites Improve Life
- (D) More than one of the above
- (E) None of the above

483. Which of the following laboratories claimed a historic nuclear fusion breakthrough in December 2022?

- (A) Los Alamos National Laboratory
- (B) Lawrence Livermore National Laboratory
- (C) Oak Ridge National Laboratory
- (D) More than one of the above
- (E) None of the above

484. Which of the following is Collins Dictionary's word of the year 2022?

- (A) Lawfare
- (B) Permacrisis
- (C) Carolean
- (D) More than one of the above
- (E) None of the above

485. Which of the following countries, along with Senegal, launched the International Drought Resilience Alliance during COP27?

- (A) Spain
- (B) Italy
- (C) Germany
- (D) More than one of the above
- (E) None of the above

486. The Embassy of which country applied for a GI Tag for 'Nihonshu' for the first time in India?

- (A) South Korea
- (B) China
- (C) Japan
- (D) More than one of the above
- (E) None of the above

487. Which of the following space agencies announced that it had successfully used steam to propel its EQUULEUS spacecraft?

- (A) JAXA
- (B) NASA
- (C) SUPARCO
- (D) More than one of the above
- (E) None of the above

५४८. What is the name of Tesla humanoid robot launched in October 2022?

- (A) Pepper
- (B) Optimus
- (C) Atlas
- (D) More than one of the above
- (E) None of the above

५४९. Which of the following States of India borders with the maximum number of districts in Bihar?

- (A) West Bengal
- (B) Uttar Pradesh C) Jharkhand
- (C) More than one of the above
- (D) None of the above

५५०. Which of the following is the last railway station of Bihar in the train route from Bhagalpur towards Mirza Cheuki?

- (A) Kahalgaon Railway Station
- (B) Pirpainti Railway Station
- (C) Ammapali Railway Station
- (D) More than one of the above
- (E) None of the above

५५१. With reference to the mineral production in Bihar, consider the following statements: 1. Rohtas has the highest deposit of pyrites. 2. Limestone is found in Kaimur (Bhabhua), Munger (Monghyr) and Rohtas districts. 3. Gold deposits are found in Jamui district. Which of the statements given above is/are correct?

- (A) 1 and 3 only
- (B) 3 only
- (C) 1 and 2 only
- (D) More than one of the above
- (E) None of the above

५५२. Phalgu, a sacred river flowing in Bihar, is formed by the confluence of which of the following rivers?

- (A) Mohana and Lilajan rivers
- (B) Lilajan and Son rivers
- (C) Son and Mohana rivers
- (D) More than one of the above
- (E) None of the above

५५३. In Bihar, tea gardens were established for the first time in which of the following places?

- (A) Supaul
- (B) Thakurganj
- (C) Bahadurganj
- (D) More than one of the above
- (E) None of the above

५५४. Choose the correct order of the following districts of Bihar as per the ascending decadal population growth (2001-2011).

- (A) Kishanganj < Madhepura < Siwan
- (B) Siwan < Kishanganj < Madhepura
- (C) Madhepura < Kishanganj < Siwan
- (D) More than one of the above
- (E) None of the above

444. Which food industry dominates among the agro-based industries in Bihar?

- (A) Sugarcane industry
- (B) Cereal-based industry
- (C) Pulses industry
- (D) More than one of the above
- (E) None of the above

445. In the end of its mountainous journey at Attock, the Indus River is joined by which river from Afghanistan?

- (A) Helmand River
- (B) Amu Darya
- (C) Kabul River
- (D) More than one of the above
- (E) None of the above

446. Which one of the following is the well-publicized wildlife campaign in the world launched in 1973?

- (A) Sunderbans Project
- (B) Project Tiger
- (C) Lion Project
- (D) More than one of the above
- (E) None of the above

447. Which of the following statements is true about troposphere?

- (A) Its average height is 13 km.
- (B) It is the topmost layer of the atmosphere.
- (C) The temperature at this layer increases with the height.
- (D) More than one of the above
- (E) None of the above

448. The southern continent broken from Pangaea is called

- (A) Pacific Ocean
- (B) Laurasia
- (C) Gondwanaland
- (D) More than one of the above
- (E) None of the above

449. The Arctic region and the Antarctica continent are situated near

- (A) the Amazon Basin
- (B) the Sahara Desert
- (C) the North and South Poles
- (D) More than one of the above
- (E) None of the above

450. Which States of India have common border with Myanmar?

- (A) Manipur, Mizoram, Nagaland, Tripura
- (B) Arunachal Pradesh, Nagaland, Manipur, Mizoram
- (C) Arunachal Pradesh, Assam, Manipur, Mizoram
- (D) More than one of the above
- (E) None of the above

462. Which one of the following is the world's richest region from a marine biodiversity perspective, comprising 21 islands with estuaries, beaches, forests of the nearshore environment, seagrasses, coral reefs, salt marshes and mangroves?

- (A) Sunderbans Biosphere Reserve
- (B) Gulf of Mannar Biosphere Reserve
- (C) Nanda Devi Biosphere Reserve
- (D) More than one of the above
- (E) None of the above

463. In which type of climatic region do Uttar Pradesh and Bihar fall as per Köppen's classification scheme?

- (A) Dfc
- (B) Cwg
- (C) AW
- (D) More than one of the above
- (E) None of the above

464. India's territorial limit extends towards the sea up to how many nautical miles/km from the coast?

- (A) 10 nautical miles (about 19.9 km)
- (B) 16 nautical miles (about 25.9 km)
- (C) 12 nautical miles (about 21.9 km)
- (D) More than one of the above
- (E) None of the above

465. Which of the following river valleys is rich in coal reserves in India?

- (A) Mahanadi River Valley
- (B) Damodar River Valley
- (C) Son River Valley
- (D) More than one of the above
- (E) None of the above

466. Which of the following statements is true about sugar industry in India?

- (A) Uttar Pradesh is the second largest producer of sugar.
- (B) It is a weight-losing industry.
- (C) Maharashtra has emerged as a leading sugar producer in the country.
- (D) More than one of the above
- (E) None of the above.

467. Towards the end of summer, there are pre-monsoon showers which are a common phenomenon in Kerala and coastal areas of Karnataka. Locally, they are known as

- (A) Mango showers
- (B) Blossom showers
- (C) Norwesters
- (D) More than one of the above
- (E) None of the above

468. The atmosphere is mainly heated by the

- (A) long-wave terrestrial radiation
- (B) short-wave solar radiation
- (C) reflected solar radiation
- (D) More than one of the above
- (E) None of the above

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488. Consider the following statements: The arrival of Babur into India led to the 1. introduction of gunpowder in the subcontinent 2. introduction of arch and dome in the region's architecture 3. establishment of Timurid dynasty in the region 4. introduction of cannons in warfare Which of the above statements are correct?

- (A) 3 Only
- (B) 1, 2 and 3
- (C) Only 1 and 2
- (D) None of the above

490. Which among the following ports was called Babul Makka (Gate of Makka) during the Mughal period?

- (A) Surat
- (B) Cambay
- (C) Broach
- (D) Calicut

492. 'Ashta Pradhan' was a Council of Ministers

- (A) in the Chola administration
- (B) in the Maratha administration
- (C) in the Vijayanagara administration
- (D) in the Gupta administration

492. The painting of 'Bodhisattva Padmapani' is located at

- (A) Ellora
- (B) Ajanta
- (C) Badami
- (D) Bagh

493. Consider the following statements: 1. Fa-Hien was a Chinese pilgrim who visited India during the reign of Harsha. B.P.S.C. (Pre) 2. Hiuen Tsang was a Chinese Buddhist monk who visited India during the reign of Chandragupta II.

Which of the above statements is/ are correct?

- (A) Both 1 and 2
- (B) Only 2
- (C) Only 1
- (D) None of the above

498. Match List-I with List-II: List-I List-II A. Charaka 1. Mathematics B. Brahmagupta 2. Medicine C. Varahamihira 3. Playwright D. Vishakhadatta 4. Astrology Select the correct answer using the codes given below. A B C D

- (A) 1 2 3 4
- (B) 3 2 4 1
- (C) 1 4 3 2
- (D) 2 1 4 3

499. Who among the following introduced the Persian festival Nowruz in India?

- (A) Alauddin Khilji
- (B) Balban
- (C) Iltutmish
- (D) Firuz Shah Tughlaq

496. Nathpanthis, Siddhas and Yogis made devotional religion popular in

- (A) Southern India
- (B) Eastern India
- (C) Western India
- (D) Northern India

497. Consider the following statements regarding Wood's Dispatch of 1854: 1. It recommended English as the medium of instruction for higher studies. 2. It laid stress on female educational and vocational training. Which of the above statements is/ are correct?

- (A) Only 2
- (B) Both 1 and 2
- (C) Neither 1 nor 2
- (D) Only 1

498. The Maithili language was started to develop during the reign of which of the following?

- (A) Oiniwar dynasty
- (B) Karnat dynasty
- (C) Pithipatis
- (D) Chero dynasty

499. Which city served as the capital of the ancient kingdom of Magadha during the early Vedic period?

- (A) Campa
- (B) Vaishali
- (C) Pataliputra
- (D) Rajagriha

500. Which of the following statements about the Vernacular Press Act is/are correct? 1. It was enacted by Lord Lytton. 2. It came to be known as a 'Gagging Act'. 3. The Act was repealed by Lord Ripon. Select the correct answer using the codes given below.

- (A) Only 2 and 3
- (B) Only 1
- (C) 1, 2 and 3
- (D) Only 1 and 2

501. Which of the following statements about Lord Mayo's Resolution of 1870 are correct? 1. It was the first step that bifurcated Central and Provincial finances. 2. Provincial Governments were empowered to administer certain services. 3. It attempted to rectify existing imparity. 4. It focussed on the actual needs of the Provinces. Select the correct answer using the codes given below.

- (A) Only 1, 3 and 4
- (B) Only 2, 3 and 4
- (C) 1, 2, 3 and 4
- (D) Only 1 and 2

502. Nitisara, an early book of politics, was written by

- (A) Charaka
- (B) Kamandaka
- (C) Kautilya
- (D) None of them

५८३. Futuhat-i-Alamgiri was written by

- (A) Haridas
- (B) Bhimsen
- (C) Ishwardas Nagar
- (D) None of them

५८४. According to Chinese source, Meghavarman, the ruler of Sri Lanka, sent a missionary to which of the following Gupta Kings for permission to build a Buddhist temple at Gaya?

- (A) Chandragupta II
- (B) Samudragupta
- (C) Chandragupta I
- (D) None of them

५८५. In Indian art, the construction of 'Stupa', 'Chaitya' and 'Vihara' is related to which of the following?

- (A) Vaishnava sect
- (B) Buddhism
- (C) Shaiva sect
- (D) Ajivika sect

५८६. In the context of Indian handicrafts, what is 'Sujini' in Bihar?

- (A) A metal craft
- (B) A type of embroidery
- (C) A type of clay pottery
- (D) A type of glassware

५८७. Consider the following statements regarding the Vikramshila University in Bihar: 1. It was located in the present-day Banka district of Bihar. 2. It was established by King Gopala I of the Pala dynasty. 3. The Vajrayana' sect of Buddhism flourished here. 4. Other subjects like Astronomy, Logic, Law, Grammar and Philosophy were also taught here. Which of the above statements are incorrect?

- (A) 1 and 2
- (B) 1 and 4
- (C) 2 and 3
- (D) None of the above

५८८. Which of the following National Parks/Wildlife Sanctuaries are in Bihar? 1. Valmiki National Park 2. Dudhwa National Park 3. Gajner Wildlife Sanctuary 4. Bhimbandh Wildlife Sanctuary Select the correct answer using the codes given below.

- (A) 2 and 3
- (B) 1 and 3
- (C) 2 and 4
- (D) 1 and 4

५८९. Consider the following statements regarding the 'Gangetic Dolphin': 1. The Gangetic River Dolphin has been categorized as 'endangered' under the IUCN's Red List. 2. It does not have a crystalline eye lens rendering it effectively blind. 3. Navigation and hunting are carried out using echolocation. 4. It has been recognized as India's National Aquatic Animal. Which of the above statements are correct?

- (A) Only 1, 3 and 4
- (B) Only 2, 3 and 4
- (C) Only 1, 2 and 4
- (D) All of the above

५९०. The other name of river Gandak is

- (A) Mahananda
- (B) Narayani
- (C) Punpun
- (D) Burhi Gandak

५९१. Gold is found in which of the following districts of Bihar?

- (A) Saran
- (B) Siwan
- (C) Jamui
- (D) Munger

५९२. The Triveni Canal has been constructed on which of the following rivers?

- (A) Sone
- (B) Gandak
- (C) Mayurakshi
- (D) Kosi

५९३. Assertion (A): Rich placer deposits of gold are found on the Ghana coast and gold- bearing veins are found in Brazil. Reason (R): At some points of time, these continents were joined together along the Atlantic coast. Select the correct answer.

- (A) Both A and R are true but R is not the correct explanation of A
- (B) A is false but R is true
- (C) A is true but R is false
- (D) Both A and R are true and R is the correct explanation of A

५९४. Bihar's geographical structure consists of rock systems. Match the rock systems with their descriptions: A.

Dharwar 1. Created by rock system the rapid deposition of alluvium by Himalayan and Peninsular rivers B. Vindhyan 2. Can be found rock system in the West Champaran district C. Quaternary 3. Part of rock system the oldest Archaean rock system D. Tertiary 4. Sandstone, rock system limestone, dolomite, quartzite and shale are the main constituents of this rock system Select the correct answer using the codes given below. A B C D

- (A) 1 3 2 4
- (B) 2 3 4 1
- (C) 4 2 3 1
- (D) 3 4 1 2

५९५. Which one of the following is the world's richest region from a marine biodiversity perspective, comprising twenty-one islands with estuaries, beaches, forests of the nearshore environment, sea grasses, coral reefs, salt marshes and mangroves?

- (A) Nanda Devi Biosphere Reserve
- (B) Sunderbans Biosphere Reserve
- (C) Nilgiri Biosphere Reserve
- (D) Gulf of Mannar Biosphere Reserve

५९६. What is the local time of Thimphu (Bhutan) located at 90° East longitude when the time at Greenwich (0°) is 12:00 noon?

- (A) 4:00 p.m.
- (B) 7:00 p.m.
- (C) 6:00 a.m.
- (D) 6:00 p.m.

५९७. Which of the following statements is correct?

- (A) Mica is found in Koderma.
- (B) Cuddapah series is famous for diamonds.
- (C) Petroleum reserves are found in Aravalli hills.
- (D) Natural gas is found in Dharwar rock formation.

५९८. The average height of the Kosi plain from mean sea level is

- (A) 30 m
- (B) 150 m
- (C) 300 m
- (D) None of the above

५९९. On which plateau, the Tropic of Cancer and the Indian Standard Timeline intersect each other?

- (A) Malwa
- (B) Surajpur
- (C) Bundelkhand
- (D) None of the above

६००. Which district of Uttarakhand is not situated along the Tibet boundary?

- (A) Almora
- (B) Chamoli
- (C) Uttarkashi
- (D) None of the above

६०१. Where does the El Niño current flow?

- (A) The Bay of Bengal
- (B) The Indian Ocean
- (C) The Pacific Ocean
- (D) More than one of the above

६०२. Consider the following statements: 1. Lake Victoria is the third largest freshwater lake in the world by surface area. 2. It is one of the great lakes of Africa. 3. It is bordered by four countries-Tanzania, Uganda, Rwanda and Kenya. 4. The only outflow from Lake Victoria is the Nile River, which exits the lake near Jinja, Uganda. Which of the above statements are incorrect?

- (A) 2 and 4
- (B) 3 and 4
- (C) 1 and 3
- (D) 1 and 2

६०३. Consider the following statements regarding 'heat wave': 1. Heat wave is considered if the maximum temperature of a station reaches at least 30°C or more for plains. 2. Heat wave is considered if the maximum temperature of a station reaches at least 40°C or more for hilly regions. Which of the above statements is/ are correct?

- (A) Only 1
- (B) Only 2
- (C) Neither 1 nor 2
- (D) Both 1 and 2

६०४. Match List-I with List-II: List-I List-II (Explorer) (Birthplace) A. Christopher 1. Portugal Columbus B. Jacques 2. United Kingdom C. Sir Francis 3. Italy Drake D. Ferdinand 4. France Magellan Select the correct answer using the codes given below. A B C D

- (A) 1 2 4 3
- (B) 3 4 1 2
- (C) 1 4 2 3
- (D) 3 4 2 1

६०५. The emirates of UAE are

- (A) Dubai, Sharjah, Ajman, Jeddah, Kuwait, Bahrain, Umm Al-Quwain
- (B) Umm Al-Quwain, Fujairah, Ras Al-Khaimah, Riyadh, Dammam, Taif, Dubai
- (C) Sharjah, Abu Dhabi, Ajman, Fujairah, Dubai, Bahrain, Kuwait
- (D) Abu Dhabi, Dubai, Sharjah, Ajman, Umm Al-Quwain, Fujairah, Ras Al-Khaimah

६०६. The river Subarnarekha originates near which of the following villages?

- (A) Mandar
- (B) Hehal
- (C) Nagri
- (D) Ormanjhi

६०७. The specifications required for a community to be declared as a Scheduled Tribe are 1. indications of primitive traits 2. distinctive culture 3. shyness of contact with the community at large 4. backwardness and geographical isolation Which of the above are correct?

- (A) Only 1, 3 and 4
- (B) Only 2, 3 and 4
- (C) Only 1 and 2
- (D) All of the above

६०८. From which country, the Indian Constitution has taken reference for the idea of the Fundamental Rights?

- (A) United States of America
- (B) United Kingdom
- (C) Canada
- (D) Ireland

६०९. Untouchability is abolished by which Article of the Indian Constitution?

- (A) Article 15
- (B) Article 17
- (C) Article 22
- (D) Article 14

६१०. The authority to determine the number of Judges in a High Court rests with which of the following entities?

- (A) The Chief Minister of the State
- (B) The Prime Minister
- (C) The Parliament
- (D) The President

६११. The Fifth Schedule deals with the governance and protection of the interests of which specific group of people?

- (A) Religious Minorities
- (B) Scheduled Tribes
- (C) Linguistic Minorities
- (D) Scheduled Castes

६१३. In which case(s) did the Supreme Court of India give for the first time the doctrine of 'basic structure' of the Constitution?

- (A) Golaknath vs. State of Punjab
- (B) Kesavananda Bharati vs. State of Kerala
- (C) Minerva Mills vs. Union of India
- (D) Both (a) and (b)

६१४. Match the following political parties listed in List-I with their years of establishment in List-II List-I List-II (Political Parties) (Years of Establishment) A. Communist 1. 1964 Party of India (Marxist) B. Communist 2. 1998 Party of India C. Bahujan 3. 1925 Samaj Party D. All India 4. 1984 Trinamool Congress (AITC) Select the correct answer using the codes given below. A B C D

- (A) 2 1 4 3
- (B) 2 1 3 4
- (C) 3 4 1 2
- (D) 1 3 4 2

६१५. Under which Article(s), Speaker can allow any member of the House to speak in his/her mother tongue?

- (A) Article 110 (1)
- (B) Article 122 (2)
- (C) Article 120 (1)
- (D) Both (a) and (b)

६१६. Consider the following statements about the collegium system: 1. The Supreme Court collegium is a five-member body, which is headed by the incumbent Chief Justice of India (CJI) and comprises four other senior most Judges of the Court at that time. 2. The Parliament by law has evolved the collegium system. 3. The Judges of the Supreme Court and High Courts are appointed only through the collegium system. 4. The collegium system was introduced in the year 1993 by Justice P. N. Bhagwati in the landmark First Judges Case. Which of the above statements is/ are correct?

- (A) 1 and 2
- (B) 3 and 4
- (C) 1 and 3
- (D) Only 1

६१७. Consider the following statements regarding the 42nd Amendment to the Constitution of India: 1. It added three words to the Preamble - 'Socialist', 'Secular' and 'Integrity'. 2. It added eight Fundamental Duties to the Constitution. 3. It added new Directive Principles, i.e. Article 39A, Article 43A and Article 47. 4. It granted power to the President, in consultation with the Election Commission, to disqualify members of the State Legislatures. Which of the above statements are incorrect?

- (A) 3 and 4
- (B) 2 and 3
- (C) 1 and 4
- (D) 1 and 2

६१७. Consider the following statements regarding insolvency and bankruptcy: 1. Bankruptcy refers to a financial state in which an individual or entity is unable to pay off their debts as they become due. 2. Insolvency refers to a legal process, where the assets of the debtor are liquidated or reorganized for the benefit of creditors. 3. Bankruptcy is a state whereas insolvency is the conclusion. 4. The Insolvency and Bankruptcy Board of India (IBBI) is the regulatory body responsible for overseeing insolvency and bankruptcy proceedings. Which of the above statements is/ are correct?

- (A) 2, 3 and 4
- (B) Only 4
- (C) Only 1 and 2
- (D) 1, 2 and 3

६१८. Consider the following statements about the Production-Linked Incentive (PLI) scheme: 1. The scheme offers a production-linked incentive to boost domestic manufacturing and attract large investments in mobile phone manufacturing and specified electronic components. 2. The scheme has two categories of applicants namely, global companies and domestic companies. 3. The scheme shall extend an average incentive of around 8% on net incremental sales (over base year) of goods manufactured in India and covered under the target segment to eligible companies for a period of six years. 4. The target segment under PLI shall include (i) laptops, (ii) tablets, (iii) all-in-one PCs, (iv) servers and (v) Ultra-Small Form Factor (USFF). Which of the above statements are incorrect?

- (A) 2 and 4
- (B) 1 and 3
- (C) 2 and 3
- (D) 1 and 4

६१९. Consider the following statements regarding the SVAMITVA scheme: 1. It is a Central Sector Scheme under the Ministry of Mines. 2. This scheme seeks to create geopositioning infrastructure like CORS network to benchmark the location and provides five centimetre level accuracy. 3. CORS means Cross-Origin Resource Sharing. 4. The scheme is a reformative step towards establishment of clear ownership of property in rural inhabited (Abadi) areas, by mapping of land parcels using drone technology. Which of the above statements are incorrect?

- (A) 1 and 3
- (B) 2 and 3
- (C) 1 and 4
- (D) 2 and 4

६२०. Which of the following is/are the consequence(s) of invoking Article 360, declaration of a financial emergency? 1. The President may order the States to reduce the salaries and allowances of all or any class of employees serving in connection with the State affairs. 2. Money Bills or other financial bills passed by the State Legislature are not required to be reserved for consideration of the President. 3. The President can issue directions for the reduction of salaries and allowances of all or any class of employees serving in connection with the affairs of the Union, including the Judges of the Supreme Court and the High Courts. 4. Money Bills or other financial bills are to be reserved for the consideration of the President after they are passed by the Legislature of the State. Select the correct answer using the codes given below.

- (A) Only 1 and 2
- (B) Only 2
- (C) Only 1, 3 and 4
- (D) All of the above

६२१. Which of the following factors could potentially contribute to stagflation in the Indian economy? 1. High inflationary pressures due to increased Government spending 2. Decline in industrial production and sluggish economic growth 3. Decrease in aggregate demand and consumer spending 4. Appreciation of the domestic currency leading to reduction of export competitiveness Select the correct answer using the codes given below.

- (A) Only 2 and 3
- (B) Only 1, 3 and 4
- (C) 1, 2, 3 and 4
- (D) Only 1 and 2

६२२. As per the Economic Survey, 2023, which of the following statements describe(s) the trend of Foreign Direct Investment in India? 1. It has decreased due to the less participation of the private sector. 2. It has increased compared to the pre-pandemic levels. 3. It has increased rapidly without decreasing in any Financial Year after the telecom sector was entirely reformed. 4. It has decreased due to a weak global economic situation. Select the correct answer using the codes given below.

- (A) 2 and 4
- (B) 1, 2 and 3
- (C) Only 4
- (D) Only 1 and 3

६२३. Which of the following statements about non-plan expenditures of the Central Government is correct?

- (A) The expenditure is on agriculture.
- (B) The expenditure is on science and technology.
- (C) The expenditure is on interest payments.
- (D) None of the above

६२४. Which of the following is not true about globalization and its impact on India?

- (A) Increase in exports is greater than increase in imports.
- (B) It has made foreign capital investment difficult.
- (C) It has expanded trade in goods and services.
- (D) None of the above

६२५. Consider the following statements about the latest developments in the Union Government finances: 1. The fiscal deficit of the Union Government had reached 9.2 percent of GDP during the pandemic FY21. 2. The fiscal deficit has moderated to 7.7 percent of GDP in FY22. 3. The revenue collection over the last two years has gone down. Which of the above statements is/ are correct?

- (A) 2 and 3
- (B) 1 and 2
- (C) Only 1
- (D) None of the above

६२६. The Foreign Exchange Reserves (FER) of RBI include which of the following? 1. Foreign Currency Assets (FCA) 2. Gold 3. Special Drawing Rights (SDR) 4. Reserve Tranche Position Select the correct answer using the codes given below.

- (A) Only 1, 2 and 3
- (B) Only 2, 3 and 4
- (C) Only 1 and 2
- (D) All of the above

६२७. Consider the following statements about 'Rules of Origin': 1. Rules of Origin are the criteria needed to determine the national source of a product. 2. Rules of Origin help the custom agencies to know what regulations and fees apply to a given product. 3. These are used for the purpose of trade statistics. 4. Their importance is derived from the fact that duties and restrictions in several cases depend upon the sources of imports. Which of the above statements are correct?

- (A) Only 1, 3 and 4
- (B) Only 3 and 4
- (C) Only 1 and 2
- (D) All of the above

६२८. Consider the following statements about infant mortality rate: 1. It is the probability of dying between birth and exactly 1 year of age, expressed per 10000 live births. 2. The infant mortality rate in the year 1950 was 189.6. 3. In the year 2019, the infant mortality rate was 30. 4. As per the Sample Registration System (SRS) Bulletin of Registrar General of India (RGI), the State with the highest infant mortality rate in the year 2019 was Uttar Pradesh. Which of the above statements are correct?

- (A) 2, 3 and 4
- (B) Only 2 and 3
- (C) 1 and 4
- (D) 1, 2 and 3

६२९. Human capital formation as a concept is better explained in terms of a process, which enables 1. individuals of a country to accumulate more capital 2. increasing the knowledge 3. increasing the skill levels 4. increasing the knowledge, skill levels and capacities of the people of the country Select the correct answer using the codes given below.

- (A) 1 and 2
- (B) 3 and 4
- (C) Only 4
- (D) Only 1

६३०. The Bakasht Movement in Bihar during 1937-1938 was organized by whom?

- (A) Jayaprakash Narayan
- (B) Swami Sahajanand Saraswati
- (C) Peer Ali Khan
- (D) Swami Dayanand Saraswati

६३१. Consider the following events during India's Freedom Struggle: 1. Home Rule Movement 2. Surat Split 3. Kheda Satyagraha 4. Minto-Morley Reforms Which of the following is the correct chronological order of the events given above?

- (A) 2-4-1-3
- (B) 1-4-2-3
- (C) 2-3-1-4
- (D) 1-3-2-4

६३२. Lord Lytton is not associated with which of the following?

- (A) The Arms Act
- (B) The Vernacular Press Act
- (C) The Ilbert Bill
- (D) The Strachey Commission

६३३. Which treaty was signed after the Battle of Buxar?

- (A) The Treaty of Sugauli
- (B) The Treaty of Bassein
- (C) The Treaty of Salbai
- (D) The Treaty of Allahabad

६३४. In which of the following movements did Mahatma Gandhi make the first use of the hunger strike as a weapon?

- (A) Bardoli Satyagraha
- (B) Ahmedabad Strike
- (C) Rowlatt Satyagraha
- (D) Non-Cooperation Movement

६३५. The Quit India Movement in 1942 witnessed significant contributions from leaders of Bihar. Which prominent Bihar leader was known as the 'Bihar Kesari' and actively participated in the Quit India Movement?

- (A) Shri Krishna Singh
- (B) Anugrah Narayan Sinha
- (C) Ram Manohar Lohia
- (D) Dr. Rajendra Prasad

६३६. In response to the mass agitation of the Champaran Movement, the British Government took which step to address the issue?

- (A) Enforced strict curfew and imposed Martial Law in the region
- (B) Instituted the Champaran Agrarian Committee
- (C) Declared Champaran as an independent State
- (D) Appointed Mahatma Gandhi as the Governor of Champaran

६३७. Match List-I with List-II
List-I **List-II**
A. Servants of India Society **1. Debendranath Tagore**
B. Tattwabodhini Sabha **2. Gopal Krishna Gokhale**
C. Atmiya Sabha **3. Ram Mohan Roy**
4. Keshab Chandra Sen
Select the correct answer using the codes given below. A B C

- (A) 2 4 3
- (B) 1 2 3
- (C) 1 4 3
- (D) 2 1 3

६३८. Ambabai, a woman freedom fighter, belonged to which of the following States of India?

- (A) Andhra Pradesh
- (B) Karnataka
- (C) Madhya Pradesh
- (D) Kerala

६३९. Who among the following was not the member of the Cabinet Mission?

- (A) J. Andrew
- (B) A. V. Alexander
- (C) P. Lawrence
- (D) None of them

- ६४०. "The Indian National Congress was founded on the basis of safety valve theory, to protect the British Government from threats." Which leader said that?**
- (A) Bipin Chandra Pal
 - (B) Lala Lajpat Rai
 - (C) C. Rajagopalachari
 - (D) None of them
- ६४१. In which of the following Indian National Congress Sessions, the resolutions related to the Fundamental Rights were passed for the first time?**
- (A) Karachi Session-1931
 - (B) Gaya Session-1922
 - (C) Surat Session-1907
 - (D) None of the above
- ६४२. Which of the following were the reasons for the failure of the Revolt of 1857? 1. The military superiority of the British 2. The rebels did not have a unified programme and ideology 3. There was a lack of support from all the sections of society Select the correct answer using the codes given below.**
- (A) Only 2 and 3
 - (B) Only 1 and 2
 - (C) All of the above
 - (D) None of the above
- ६४३. The cook from Bihar who saved Mahatma Gandhi's life from a murder attempt by food poisoning in 1917 was**
- (A) Mir Bakawal
 - (B) Batak Mian
 - (C) Muzaffar Ahmad
 - (D) None of them
- ६४४. A man Ramesh', who owns a plot of land of 100 square yards, increases his plot of land by acquiring 10% more from his neighbour 'Suresh', who also owns 100 square yards land. After 2 years, he sells back 10% of the total plot to the neighbour. Which of the following is correct?**
- (A) Suresh's land is more than Ramesh's
 - (B) Ramesh's land is more than Suresh's
 - (C) Both are equal
 - (D) None of the above
- ६४५. Find the odd pair among the following options.**
- (A) Brewery: Alcohol
 - (B) Stationery: Paper
 - (C) Snobbery: Shoes
 - (D) Millinery: Hats
- ६४६. Read the given statement and conclusions carefully. Decide which of the given conclusions logically follow(s) from the statement. Statement: In a one-day cricket match, the total runs made by a team were 200, of which 160 runs were made by spinners. Conclusions: 1. 80% of the team consisted of spinners. 2. The opening batsmen were spinners. Select the correct answer.**
- (A) Only 2 follows the statement
 - (B) Both 1 and 2 follow the statement
 - (C) Neither 1 nor 2 follows the statement
 - (D) Only 1 follows the statement

୧୪୭. Find the odd one in the following groups: Q,W,Z,B B,H,K,M W,C,G,J M,S,V,X

- (A) M,S,V,X
- (B) W,C,G,J
- (C) B,H,K,M
- (D) Q,W,Z,B

୧୪୮. Four branches of a company are located at M, N, O and P. M is in the North of N at a distance of 4 km; P is in the South of O at a distance of 2 km; N is in the Southeast of O by 1 km. What is the distance between M and P in km?

- (A) 28.5
- (B) 6.74
- (C) 5.34
- (D) None of the above

୧୪୯. In a certain code language, 'GAME' is written as '\$+*%' and 'BEAD' is written as '% ' as '#% + x'. How will the word 'MADE' be written in that code language?

- (A) *+\$%
- (B) *+x%
- (C) #+x%
- (D) \$+x%

୧୫୦. Q travels towards East. M travels towards North. S and T travel in opposite directions. T travels towards right of Q. Which of the following is definitely true?

- (A) S travels towards West
- (B) T travels towards North
- (C) M and S travel in the same direction
- (D) M and S travel in the opposite directions

୧୫୧. Which of the following are computer languages? 1. Cobra 2. Python 3. Squirrel 4. Java Select the correct answer using the codes given below.

- (A) Only 1, 2 and 3
- (B) Only 3 and 4
- (C) Only 1 and 2
- (D) All of the above

୧୫୨. What is the full form of GPT in ChatGPT, recently seen in the news?

- (A) GUID Partition Table
- (B) Grooved Pegboard Test
- (C) Generative Pre-Trained Transformer
- (D) Glutamic Pyruvic Transaminase

୧୫୩. Which of the following are not the tastes of the tongue? 1. Sweet 2. Bitter 3. Salty 4. Spicy 5. Umami 6. Sour 7. Pungent Select the correct answer using the codes given below.

- (A) 1, 3 and 4
- (B) 4 and 7
- (C) 3 and 6
- (D) 2, 5 and 7

၆၄၈. Which of the following pairs are correctly matched? 1. Anorexia: Sleep disorder 2. Insomnia: Eating disorder 3. Dyspnoea: Shortness of breath 4. Anosmia: Partial or full loss of smell Select the correct answer using the codes given below.

- (A) Only 3 and 4
- (B) Only 2 and 3
- (C) Only 1 and 2
- (D) All of the above

၆၄၉. In the universe, what are pulsars?

- (A) Rotating neutron stars
- (B) Explosion of a star
- (C) Radio waves emitted by a star
- (D) A group of stars

၆၅၀. In the context of lab-grown diamonds (LGDs), what is used as a diamond seed?

- (A) Moissanite
- (B) Graphite
- (C) Cubic zirconia (CZ)
- (D) White sapphire

၆၅၁. What is the 'fibre' used to make bulletproof jackets?

- (A) Terylene
- (B) Tweed
- (C) Kevlar
- (D) Nylon

၆၅၂. What is/are the full form(s) of HMX? 1. High Melting Explosive 2. High-Density Monoatomic Xenon 3. Hedge Monetizing Xeno- currency 4. Her Majesty's Explosive Select the correct answer using the codes given below.

- (A) 2 and 3
- (B) Only 1
- (C) 1 and 4
- (D) 1 and 2

၆၅၃. What is the name of Tesla's humanoid robot launched in October 2022?

- (A) Atlas
- (B) Pepper
- (C) Optimus
- (D) Sophia

၆၅၄. What is the 'Manhattan Project'?

- (A) One of the largest art auctions of the world
- (B) A real estate project in New York City
- (C) A famous theme park
- (D) A research and development undertaking that produced the first nuclear weapons

၆၅၅. The image formed by concave mirror is real, inverted and of the same size as that of the object. The position of the object should be

- (A) at the centre of curvature
- (B) between the focus and centre of curvature
- (C) beyond the centre of curvature
- (D) at the focus

၆၆၃. A photoelectric cell is a device which

- (A) stores light energy
- (B) converts electric energy into light energy
- (C) converts light energy into electric energy
- (D) None of the above

၆၆၃. The amount of solute present per unit volume or per unit mass of the solution/solvent is known as _____ in Chemistry.

- (A) concentration of solvent
- (B) concentration of solute
- (C) concentration of solution
- (D) composition of solute

၆၆၄. How do COVID vaccines stimulate an immune response?

- (A) By introducing a real SARS- CoV-2 virus
- (B) By introducing a harmless piece of SARS-CoV-2 virus
- (C) By introducing antibodies against SARS-CoV-2 virus
- (D) By introducing live attenuated SARS-COV-2 virus

၆၆၅. Which of the following liquids is a bad conductor of electricity?

- (A) Lemon juice
- (B) Orange juice
- (C) Salted water
- (D) None of the above

၆၆၆. The DNA double helix structure was discovered by

- (A) Rosalind Franklin and Maurice Wilkins
- (B) Linus Pauling
- (C) Gregor Mendel
- (D) James Watson and Francis Crick

၆၆၇. Two objects of different masses falling freely near the surface of the Moon would

- (A) undergo a change in their inertia
- (B) have same velocity at any instant
- (C) experience forces of same magnitude
- (D) have different accelerations

၆၆၈. How do vector vaccines work to provide immunity?

- (A) By directly attacking and destroying pathogens in the body
- (B) By placing the virus in a modified version of a different virus
- (C) By entering directly into the cells and enabling them to create spike proteins
- (D) By introducing a weakened or inactivated virus into the body

၆၆၉. The process that continually adds new crust is

- (A) earthquake
- (B) seafloor spreading
- (C) convection
- (D) subduction

୧୭୦. The theory that states "pieces of the Earth's crust are in constant, slow motion driven by movement in the mantle" is called

- (A) the theory of Pangaea
- (B) the theory of plate tectonics
- (C) the theory of plate boundaries
- (D) the theory of continental drift

୧୭୧. What is the expanded form of the term 'mRNA' that has been widely discussed since the beginning of the pandemic?

- (A) Mutant Ribonucleic Acid
- (B) Modified Ribonucleic Acid
- (C) Mnemonic Ribonucleic Acid
- (D) Messenger Ribonucleic Acid

୧୭୨. An AC current can be produced by

- (A) transformer
- (B) dynamo
- (C) choke coil
- (D) None of the above

୧୭୩. Current density is

- (A) dimensionless
- (B) a vector quantity
- (C) a scalar quantity
- (D) None of the above

୧୭୪. What is the basis of most useful classification of medications in medical chemistry?

- (A) Chemical structure
- (B) Molecular targets
- (C) Pharmacological effect
- (D) None of the above

୧୭୫. Which of the following slows down the reaction rate?

- (A) Heterogeneous catalyst
- (B) Homogeneous catalyst
- (C) Catalytic promoter
- (D) None of the above

୧୭୬. Input and output nerves meet at

- (A) heart
- (B) central nervous system
- (C) liver
- (D) None of the above

୧୭୭. Which of the following technologies will be enabled by the 5G mobile communication networks? 1. Internet of Things 2. Edge Computing 3. Network Slicing Select the correct answer using the codes given below.

- (A) Only 2 and 3
- (B) Only 1 and 3
- (C) 1, 2 and 3
- (D) Only 1 and 2

୧୭୯. Match List-I with List-II: List-I List-II (Space Mission) (Exploration) A. Cassini- 1. Jupiter Huygens B. Juno 2. Saturn and its rings C. Artemis 3. Venus D. VERITAS 4. Human Space- flight-Moon to Mars Select the correct answer using the codes given below. A B C D

- (A) 3 1 4 2
- (B) 2 3 4 1
- (C) 3 1 2 4
- (D) 2 1 4 3

୧୮୦. Match List-I with List-II: List-I List-II (Cloth) (Origin) A. Linen 1. Coconut plant B. Coir 2. Flax plant C. Mohair 3. Feathers of duck and geese D. Down 4. Angora goat Select the correct answer using the codes given below. A B C D

- (A) 4 3 1 2
- (B) 2 1 4 3
- (C) 4 1 3 2
- (D) 1 3 2 4

୧୮୧. Consider the following statements: 1. Taeniasis is an intestinal infection caused by three species of tapeworm- Taenia solium, Taenia saginata and Taenia asiatica. 2. When cysts develop in the brain, the condition is referred to as neuro- cysticercosis (NCC). Which of the above statements is/ are correct?

- (A) Both 1 and 2
- (B) Only 2
- (C) Only 1
- (D) None of the above

୧୮୨. What is the name of the deep sea submersible that imploded during an underwater voyage to the Titanic wreckage?

- (A) Falcon
- (B) Trident
- (C) Titan
- (D) Alvin

୧୮୩. Match List-I with List-II: List-I List-II (Footwear/ (Description) Fashion Accessory) A. Beret 1. A type of men's footwear B. Stilettos 2. A type of sun- glasses C. Aviators 3. A type of hat D. Chignon 4. A type of women's footwear E. Brogue 5. A type of hairstyle Select the correct answer using the codes given below. A B C D E

- (A) 3 4 2 5 1
- (B) 5 3 2 4 1
- (C) 1 2 3 4 5
- (D) 3 2 1 4 5

୧୮୪. Where did the former President of the USA give his interview recently?

- (A) Sarajevo
- (B) Athens
- (C) Amsterdam
- (D) Rome

୧୮୫. In the context of sports, which of the following pairs are correctly matched? 1. Flushing Meadows: French Open 2. Venus Rosewater Dish: Wimbledon Trophy (Women) 3. Roland Garros: US Open 4. Australian Open (Women): Daphne Akhurst Memorial Cup Select the correct answer using the codes given below.

- (A) 2 and 3
- (B) 3 and 4
- (C) 2 and 4
- (D) 1 and 2

६८५. Which State Government launched the State-Level Committee for Vulture Conservation (SLCVC), proposed by the national action for the protection of vultures in India?

- (A) Sikkim
- (B) Assam
- (C) Meghalaya
- (D) Tamil Nadu

६८६. Ten captive-bred Asian Giant Tortoises (*Manouria emys*), one of the largest tortoise species in mainland Asia, were recently released into which National Park of India?

- (A) Periyar National Park
- (B) Pench National Park
- (C) Khangchendzonga National Park
- (D) Ntangki National Park

६८७. Which country has recently reaffirmed Arunachal Pradesh as an integral part of India?

- (A) Australia
- (B) Germany
- (C) Russia
- (D) USA

६८८. India's Rudranksh Balasaheb Patil won which medal in Men's 10 m Air Rifle at the ISSF World Championship in Cairo?

- (A) Bronze
- (B) Silver
- (C) Gold
- (D) None of the above

६८९. The National Education Policy, 2020 emphasizes the integration of vocational education into mainstream education from which grade onwards?

- (A) Grade 8
- (B) Grade 10
- (C) Grade 12
- (D) Grade 6

६९०. India signed the Economic Cooperation and Trade Agreement (ECTA) with country?

- (A) Australia
- (B) USA
- (C) UK
- (D) UAE

६९१. The Plain Language Act was passed by which of the following countries recently which requires Government officials to use simple and easily understandable English language in official documents and websites?

- (A) Ireland
- (B) New Zealand
- (C) Germany
- (D) Australia

- ६९३. Tillyardembi Fossils of the world's first plant pollinators, called Tillyardembids, were discovered recently in which country?**
- (A) India
 - (B) Russia
 - (C) China
 - (D) Greece
- ६९४. The Lisbon Declaration', which made headlines, is associated with the conservation of which entity?**
- (A) Mountains
 - (B) Oceans
 - (C) Freshwater glaciers
 - (D) Air
- ६९५. Which of the following animals was not known to the people of the Indus Valley Civilization?**
- (A) Elephant
 - (B) Horse
 - (C) Bull
 - (D) None of the above
- ६९६. Which of the following is not a UNESCO World Heritage Site?**
- (A) India Gate
 - (B) Red Fort
 - (C) Qutab Minar
 - (D) None of the above
- ६९७. The concept of the Directive Principles of State Policy in the Indian Constitution was borrowed from the Constitution of**
- (A) Ireland
 - (B) Switzerland
 - (C) England
 - (D) None of the above
- ६९८. Which among the following currencies is the costliest?**
- (A) US Dollar
 - (B) Pound Sterling
 - (C) Euro
 - (D) None of the above
- ६९९. In the context of 'Shipwreck Tourism', shipwrecks in Indian waters have been explored at Sunchi Reef, Amee Shoals and Grande Island. Where are these locations?**
- (A) Off the coast of Lakshadweep
 - (B) Off the coast of Tamil Nadu
 - (C) Off the coast of Odisha
 - (D) Off the coast of Goa
- ७००. The G20 members represent 1. around 85% of the global GDP 2. about 50% of the global trade 3. about two-thirds of the world population Which of the above statistics is/ are correct?**
- (A) Only 1 and 3
 - (B) 1, 2 and 3
 - (C) Only 1 and 2
 - (D) Only 1

୭୦୦. Who is the Head of Russia's Wagner Mercenary Group?

- (A) Yevgeny Prigozhin
- (B) Pavel Prigozhin
- (C) Volodymyr Zelenskyy
- (D) Sergei Shoigu

୭୦୧. The Global Gender Gap Report is released by

- (A) the UN Women
- (B) the World Economic Forum
- (C) the UNDP
- (D) the World Bank

୭୦୨. Which one of the following statements regarding Queen Elizabeth II of the United Kingdom is correct?

- (A) She reigned for 68 years and died at the age of 94 years.
- (B) She reigned for 72 years and died at the age of 92 years.
- (C) She reigned for 66 years and died at the age of 90 years.
- (D) She reigned for 70 years and died at the age of 96 years.

୭୦୩. What was the theme of DefExpo-2022, held in Gujarat?

- (A) Path to Pride
- (B) Synergy for Defence
- (C) Aatmanirbharta
- (D) India: The Emerging Defence Manufacturing Hub

୭୦୪. The three-day celebration of Thadingyut Festival is celebrated in which country?

- (A) Nepal
- (B) Germany
- (C) Myanmar
- (D) Chile

୭୦୫. Consider the following statements regarding the 'White House': 1. The address of the White House is 1800 Pennsylvania Avenue. 2. It is the official residence and workplace of the President of USA. 3. On November 1, 1800, John Adams became the first President to take residence in the building. 4. It is a symbol of American Democracy. Which of the above statements are correct?

- (A) Only 2 and 3
- (B) Only 3 and 4
- (C) 2, 3 and 4
- (D) 1, 3 and 4

୭୦୬. 'Net Metering' is sometimes seen in the news in the context of promoting

- (A) the installation of water meters in urban households
- (B) a billing mechanism for solar energy by consumers for the electricity they add to the grid
- (C) the use of piped natural gas in the kitchens of households
- (D) the installation of CNG kits in motorcars

७०७. Match List-I with List-II: List-I List-II (Colour) (Combination) A. Magenta 1. Green and blue B. Teal 2. Red and blue C. Mauve 3. Blue, green and white D. Cyan 4. Blue, red and white Select the correct answer using the codes given below. A B C D

(A) 2 4 3 1

(B) 4 2 1 3

(C) 3 4 2 1

(D) 2 3 4 1

उत्तरमाला — अध्याय १ (उत्तर ओ व्याख्या / Answers & Explanations)

१. (A) **infrared** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
२. (D) **4.70 kilo-ohm** — Assume 2nd resistor value is 'x'. $2000/(2000 + x) = 1403$. $2000x = 1403(2000 + x)$.
३. (B) **decreases** — When the temperature is raised, some covalent bonds in the semiconductor break due to the thermal energy supplied.
४. (D) **is a universal constant** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
५. (C) **distance** — A light-year is the distance a beam of light travels in a single Earth year, or 6 trillion miles (9.7 trillion kilometers).
६. (C) **Frequency** — The other properties of light like wavelength speed of light changes when light travels from one medium to another.
७. (A) **$3 \times 10^8 \text{ ms}^{-1}$** — An electromagnetic wave transports its energy through a vacuum at a speed of $3.00 \times 10^8 \text{ m/s}$ (a speed value commonly represented by the symbol c).
८. (B) **Neil Armstrong** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
९. (D) **honey** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
१०. (C) **vitamin C** — There is also vitamin B12 in it. Calcium, sodium, phosphorus and potassium are major minerals in milk.
११. (A) **Potassium dichromate-sulfuric acid** — A 'breath test' used by traffic police to check drunken driving uses Potassium dichromatic-sulphuric acid.
१२. (C) **zymase** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
१३. (B) **CO₂** — Calcium hydroxide is sparingly soluble in water producing an alkaline solution known as limewater. When carbon dioxide gas is passed through or over limewater, it turns milky due to the formation of calcium carbonate. Lime reacts with acidic gases like sulfur dioxide.
१४. (D) **carbon monoxide** — Incomplete combustion occurs when the supply of air or oxygen is poor. Water is still produced, but carbon monoxide and carbon are produced instead of carbon dioxide. The carbon is released as soot.
१५. (D) **decrease 1000 times** — Thus, the pH is reduced by 1000 times. Thus, if the pH of a solution is increased from 3 to 6, then H⁺ ion concentration of the solution will be reduced by 1000 times.
१६. (A) **sublimation** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
१७. (C) **12, 3** — Benzene is a hydrocarbon composed of six carbons connected via covalent bond and exists in the form of a ring. It has three alternating double bonds which makes the compound very stable. Benzene is an aromatic compound of carbon and hydrogen.
१८. (D) **C, H, N, O** — Urea has four elements which are Carbon (C), Nitrogen (N), Oxygen (O), and Hydrogen (H). It has a molar mass of 60.06 g/mole and has two amide groups and a carbonyl group.

२९. (C) **mercury** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
३०. (D) **vitamin K** — It's significant for blood clotting and healthy bones and also has other functions in the body. If you are taking a blood thinner such as warfarin (Coumadin), it's very significant to get about the same amount of vitamin K each day.
३१. (A) **estrogen** — Although testosterone is considered a male hormone, females also produce and need a small amount of this, too.
३२. (A) **Arvid Carlsson** — Arvid Carlsson, a Swedish scientist whose discoveries about the brain led to the development of drugs for Parkinson's disease and earned him a Nobel Prize, died on Friday in Gothenburg, Sweden. He was 95.
३३. (C) **iodine** — An iodine deficiency is an issue that affects several million people around the world.
३४. (C) **posterior part** — Bitter taste is one of four taste receptors of the tongue. It used to be thought that they were located toward the back of the tongue.
३५. (C) **it grows horizontally in the soil** — Ginger or *Zingiber officinale* is an example of underground stem or rhizome modifications which have nodes and internodes.
३६. (A) **fructose** — An estimation of concentration of sugar revealed that if sucrose has a sweetness of one, glucose will be 0.74 and fructose may count up to 1.7.
३७. (A) **Apple** — The false fruits can be defined as the fruit, which is formed from the ripened ovary along with some other parts of the flower like the base or receptacle, the perianth etc. Examples: Apple, banana, cashews, strawberry, are all examples of false fruits.
३८. (B) **Protein** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
३९. (D) **Flower bud** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
३०. (B) **Neetu David** — The Board of Control for Cricket in India (BCCI) announced former Indian left-arm spinner, Neetu David as the chairperson of the newly structured All- India Women's selection committee.
३१. (A) **Naomi Osaka** — Trailing by a set and a break, No. 4 seed Naomi Osaka rallied for a thrilling 1 - 6, 6 - 3, 6 - 3 victory over former world No. 1 Victoria Azarenka to win the women's singles title at the 2020 US Open on Saturday.
३२. (B) **Shura Kitata** — The event used a different course from usual, consisting of multiple laps around St James's Park. The men's elite race was won by Ethiopian Shura Kitata, and the women's event was won by Kenyan Brigid Kosgei.
३३. (A) **Suresh Raina** — Raina is the second-highest run-getter in the history of the IPL after Virat Kohli.
३४. (D) **Paresh Rawal** — National Award-winning actor has been appointed as the New Chairman of NSD Society for 4 years. Veteran Actor Paresh Rawal has been appointed as Chairman of National School of Drama Society by President of India Shri Ram Nath Kovind.
३५. (B) **Dr. G. Satheesh Reddy** — Dr. G. Satheesh Reddy is the Chairman of the Defence Research and Development Organization.
३६. (C) **Medical Science** — Dr Bushra and Dr Ritesh have been selected for the award for their separate pathbreaking research in the field of medicine. The Shanti Swarup Bhatnagar Award 2020 has been given to 12 other researchers also in different fields of science.
३७. (B) **World Food Programme** — The need for international solidarity and multilateral cooperation is more conspicuous than ever. The Norwegian Nobel Committee has decided to award the Nobel Peace Prize for 2020 to the World Food Programme (WFP) for its efforts to combat hunger, for its contribution to bettering conditions for peace in conflict-affected areas and for acting as a driving force in efforts to prevent the use of hunger as a weapon of war and conflict.
३८. (A) **Ayushmann Khurrana** — Ayushmann Khurrana has been named among the 100 most influential people of 2020 in the world by the Time magazine. He shares the honour with other artists like singer Selena Gomez and rapper The Weeknd.
३९. (C) **Eight** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

- ४०. (C) Samyukta Socialist Party** — Paswan was also the president of the Lok Janshakti Party, nine-time Lok Sabha member and Rajya Sabha MP. He started his political career as member of Samyukta Socialist Party and was elected to the Bihar Legislative Assembly in 1969.
- ४१. (C) 25th September, 2020** — Election Commission of India has issued a press note for General Election to the Legislative Assembly of Bihar 2020 on September 25, 2020.
- ४२. (C) Bihar** — The project will lead digital services including e-Education, e-Agriculture, Tele-Medicine, Tele-law and other social security schemes in Bihar ensuring easy access to all state natives.
- ४३. (B) Eleventh Lok Sabha** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ४४. (C) China** — The Quadrilateral Security Dialogue is an informal strategic dialogue between the United States, Japan, Australia and India that is maintained by talks between member countries.
- ४५. (A) Prahlad Singh Patel** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ४६. (D) Vietnam** — The theme of the Summit was "Cohesive and Responsive ASEAN".
- ४७. (C) Singapore** — The 2020 ranking has Singapore leading again among 174 economies.
- ४८. (B) Donald Trump's re-election campaign** — "Operation MAGA", which is the acronym for "Make America Great Again", will see Vice President Mike Pence and members of the First Family making in-person campaign appearances in key battleground states.
- ४९. (C) United Arab Emirates** — Located 53km from the city of Ruwais, the plant is being jointly developed by Emirates Nuclear Energy Corporation (ENEC) and Korea Electric Power Corporation (KEPCO).
- ५०. (A) Egypt** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ५१. (D) India** — Apurva Chandra, Secretary (Labour and Employment) has been elected as the Chairperson of the Governing Body of the International Labour Organisation (ILO) for the period October 2020-June 2021.
- ५२. (B) to boost the security of women Passengers in trains** — Operation gathering momentum across all Zones. Indian Railways has launched "Meri Saheli" initiative for focused action on security of women across all zones with an objective to provide safety and security to lady passengers travelling by trains for their entire journey from starting station to destination station.
- ५३. (A) Prime Minister Narendra Modi** — PM Modi coined the new fitness mantra, 'Fitness ki Dose, Aadha Ghanta Roz' which means to devote half an hour daily to fitness.
- ५४. (C) One hundred Rupees Coin** — Prime Minister, Shri Narendra Modi released commemorative coin of ₹ 100 denomination to celebrate the Birth Centenary of Rajmata Vijaya Raje Scindia today through video conference.
- ५५. (D) Arunachal Pradesh** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ५६. (B) HDFC Bank** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ५७. (B) Delhi** — The facility at the Terminal-3 of the airport, which offers a walk-in option, "ensures a safe journey of all passengers entering the city or scheduled for domestic connecting flights", airport operator DIAL (Delhi International Airport Limited) said in a statement.
- ५८. (C) Ambala** — Defence Minister Rajnath Singh and Florence Parly, Minister of the Armed Forces of France graced the occasion.
- ५९. (D) Rudram** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

६०. (A) **Kailbangan** — The furrows discovered in the pre-Harappan phase at Kalibangan (Rajasthan) designate that the fields were ploughed during the Harappan period. The Harappans perhaps used the wooden plough drawn by oxen and camels.
६१. (C) **Jainism** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
६२. (C) **Kanishka** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
६३. (D) **Vaisheshika** — The doctrine of anu is somehow considered equivalent to the modern atomic theory of science.
६४. (B) **Balban** — Ghiyas ud Din was the wazir and successor of the last Shamsi Sultan, Nasir ud-Din. The Policy of "Blood and Iron" is followed by him.
६५. (B) **Chola** — Chola administration was democratic and local self-government was the basic features of the administration.
६६. (A) **Decorating the walls with floral designs made of semi-precious stones** — Pietra dura, means "hard stone" in mosaic, any of several kinds of hard stone used in commesso mosaic work, an art that flourished in Florence particularly in the late 16th and 17th centuries and involved the fashioning of highly illusionistic pictures out of cut-to-shape pieces of coloured stone.
६७. (B) **Akbar** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
६८. (C) **Robert Clive** — It lasted from 1765 to 1772. Under this system, the administration of Bengal was divided into Nizamat and Diwani.
६९. (B) **Swami Vivekananda** — This was the first World's Parliament of Religions and it was held from 11 to 27 September 1893.
७०. (C) **C. R. Das and Motilal Nehru** — The Swaraj Party was formed by Motilal Nehru and Chittaranjan Das in order to fight British colonialism from within and give the people of India a responsible and responsive government by making the colonial state accountable.
७१. (D) **Dinabandhu Mitra** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
७२. (A) **The French** — Battle of Wandiwash, (Jan. 22, 1760), in the history of India, a confrontation between the French, under the comte de Lally, and the British, under Sir Eyre Coote. It was the decisive battle in the Anglo - French struggle in southern India during the Seven Years' War (1756 - 63).
७३. (D) **The Indian Councils Act, 1909** — Indian Council Act of 1909 is also called Morley-Minto Reform. It was instituted to placate the Moderates (Congress) and introduces separate electorates on the basis of religion. so, Lord Minto came to be known as Father of Communal Electorate in India.
७४. (B) **Singhbhum** — The Kol uprising, Kol rebellion, also known in British Indian records as the Kol mutiny was a revolt of the indigenous Kol people of Chhota Nagpur during 1829 - 1839 as a reaction to unfair treatment brought on by the systems of land tenure and administration that had been introduced by British powers in the area. Singhbhum was a district of India during the British Raj, part of the Chota Nagpur Division of the Bengal Presidency.
७५. (C) **Kunwar Singh** — He was nearly eighty and in failing health when he was called upon to take up arms. He was assisted by both his brother, Babu Amar Singh and his commander-in-chief, Hare Krishna Singh.
७६. (D) **Raj Kumar Shukla** — Rajkumar Shukla told Gandhiji about the injustice of landlord system in Bihar. He told him about the problem of Indigo sharecroppers who were compelled by the British landlords to plant fifteen percent of their holdings with indigo and surrender the entire indigo harvest as rent.
७७. (E) **None of the above/More than one of the above** — Rajagriha is the first capital of ancient Mahajanapada Magadh.
७८. (C) **Peasant Movement in Bihar** — The Kisan (farmer) Sabha movement started in Bihar under the leadership of Swami Sahajanand Saraswati, who formed the Bihar Provincial Kisan Sabha (BPKS) in 1929 to mobilise peasant grievances against the zamindari attacks on their occupancy rights.

99. (A) **Champan** — It was a farmer's uprising that took place in Champan district of Bihar, India, during the British colonial period.
100. (B) **Honshu** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
101. (A) **Denmark** — Greenland is officially the world's largest island that is not a continent. Home to 56,000 people, Greenland has its own extensive local government, but it is also part of the Realm of Denmark.
102. (D) **United States of America** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
103. (C) **China** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
104. (C) **Africa** — Africa has total 54 countries. Africa is the second most in terms of area.
105. (C) **Mizoram** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
106. (D) **Pulneys** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
107. (B) **Kutch** — Kachchh district in Gujarat (India) is the largest district of India in terms of Geographical area.
108. (D) **Madhya Pradesh** — It has total of 36 wildlife sanctuaries.
109. (E) **None of the above/More than one of the above** — The Saptakoshi crosses into northern Bihar, India where it branches into distributaries before joining the Ganges near Kursela in Katihar district. The Kosi River is 720 km (450 mi) long and drains an area of about 74,500 km² (28,800 sq mi) in Tibet, Nepal and Bihar.
110. (D) **Eastern Pir Panjal** — With 8.8 km (5.5 mi) length, the tunnel is the second longest road tunnel in India and has reduced the distance between Manali and Keylong by about 60 km (37 mi).
111. (C) **Maharashtra** — The project is to entail a total cost of ₹ 65,544 crore.
112. (B) **Karnataka** — With a total installed solar power capacity of about 7,100MW-notwithstanding the 1,000MW of projects in the pipeline- Karnataka is way ahead of the other states.
113. (A) **Limestone - Kaimur** — The significant mineral occurrences in Bihar are limestone in Kaimur (Bhabhua), Monghyr and Rohtas districts; mica in Nawada district; quartz/ silica sand in Bhagalpur, Jamui, Monghyr and Nalanda districts; quartzite in Lakhisarai, Monghyr and Nalanda districts; talc/soapstone/ steatite in Monghyr district.
114. (D) **Wagon and engineering - Bhagalpur** — The company maintains two manufacturing plants in Bihar and is headquartered in Patna. One such plant is the Bharat Wagon Workshop Plant in Muzaffarpur and the second unit is in Mokama.
115. (C) **West Champan** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
116. (D) **Kosi-Magadh** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
117. (B) **Munda - Jamui** — At district level, more than three fourth tribal population of Banka, Jamui, Kishanganj, Araria and Madhepura are Santal, closely followed by Saharsa (72 per cent) and Purnia (65 per cent) districts. Though Oraon are primarily concentrated in Purnia and Katihar districts, they have their highest proportion (70 per cent) to total ST population in Supaul district. While Kharwar have their maximum concentration in Bhagalpur district, Gond in Siwan district followed by Bhojpur and Kaimur (Bhabhua) districts.
118. (A) **7.27** — Geography. Bihar has notified forest area of 6,764.14 km², which is 7.27 percent of its geographical area.
119. (C) **Champan** — It is the only National park in Bihar.
120. (C) **Tata Projects Limited** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
121. (A) **Article 324** — Article 324 of the Constitution provides that the power of superintendence, direction and control of elections to parliament, state legislatures, the office of president of India and the office of vice-president of India shall be vested in the election commission.

- १०२. (C) Rekha Sharma** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- १०३. (A) One act for all and one judiciary for all** — The mechanism, process, institution, practice, or norm that supports the equality of all citizens before the law, secures a non - arbitrary form of government, and more generally prevents the arbitrary use of power.
- १०४. (D) Article 243(G)** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- १०५. (B) 11th December, 2019** — On December 11, 2019, India passed the Citizenship Amendment Act (CAA).
- १०६. (D) 64th Constitutional Amendment Bill** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- १०७. (B) Dutch East India company** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- १०८. (C) To instil non-confidence among local Communities** — The primary distinction between centralization and decentralization is in the degree of freedom of decision making by managers at many levels. In decentralization, decision making is at as low a level as possible.
- १०९. (D) The Protection of Civil Rights Act. 1955** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ११०. (D) Export of food grains** — The Food Corporation of India was set up under the Food Corporation Act 1964, in order to fulfill following objectives of the Food Policy: • Effective price support operations for safeguarding the interests of the farmers. • Distribution of food grains throughout the country for public distribution system. • Maintaining satisfactory level of operational and buffer stocks of food grains to ensure National Food Security.
- १११. (B) the Indian Government needs to borrow in order to finance its expenses which do not create capital assets** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ११२. (A) USA** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ११३. (C) Road Infrastructure** — Bharatmala, under Ministry of Road Transport and Highways, Government of India, is an umbrella program for the highways sector in India that focuses on optimizing efficiency of freight & passenger movement across the country by bridging critical infrastructure gaps.
- ११४. (C) The Central Statistics Office (CSO)** — In the case of Index of Industrial Production India, IIP data is compiled and published by CSO every month. CSO or Central Statistical Organisation operates under the Ministry of Statistics and Programme Implementation (MoSPI).
- ११५. (A) 77 in previous year to 63rd position** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ११६. (C) ` 15 lakh crore** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ११७. (D) to remove farmers' dependence on diesel and kerosene and to link pump sets to solar energy** — PM-KUSUM (Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan) Scheme is aimed at ensuring energy security for farmers in India, along with honouring India's commitment to increase the share of installed capacity of electric power from non-fossil-fuel sources to 40% by 2030 as part of Intended Nationally Determined Contributions (INDCs).
- ११८. (B) SBI** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ११९. (D) Export Sector** — The commerce and industry ministry is working on the scheme also called the Export Credit Insurance Scheme (ECIS) under which the insurance guaranteed could cover up to 90% of the principal and interest.
- १२०. (A) will make all financial activities in the state online and paperless** — Bihar Government has introduced the comprehensive Financial Management System (CFMS) on 1st April, 2019. This System will make all financial activities in the state online and paperless.

- १२१. (A) Production and productivity of maize and wheat** — The government of India conferred the Krishi Karman Award to Bihar State on 2nd January, 2020. This award was given for Production and productivity of maize and wheat.
- १२२. (C) to provide sustainable income generating assets to extremely poor households** — Bihar government launched a new scheme 'Satat Jivikoparjan Yojana' in August 2018. The Objective of this scheme is to provide sustainable income generating assets to extremely poor households.
- १२३. (D) Child Welfare** — The 7 nishchay for a developed Bihar under the programme of Good Governance 2015-2020 in mission mode are: 1. Aarthik Hal, Yuvaon Ko Bal 2. Aarakshit Rozgar Mahilaon Ka Adhikar 3.
- १२४. (D) 33 percent of the national average** — The per capita Net State Domestic Product at constant prices for Bihar is less than the country. In the year 2018 - 19, it was 33 percent of the national average.
- १२५. (A) Samaldas College, Bhavnagar** — He enrolled in Samaldas Arts College, the only institution that was offering a degree. Gandhi later dropped out of college and went back home to his family in Porbandar.
- १२६. (E) None of the above/More than one of the above** — Some significant leaders of the first war of Independence 1857 were as follow: Bahadur Shah Jafar. Rani Laxmi Bai. Nana Saheb.
- १२७. (D) Act of 1935** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- १२८. (C) 24 Days** — The Dandi March or Salt March was part of Mahatma Gandhi's non-violent protest against the British monopoly on production of salt. Led by Gandhi, 78 people started the 24 - day march on March 12 and reached Dandi on April 5, 1930
- १२९. (E) None of the above/More than One of the above** — Sarfaroshi Ki Tamanna is an Urdu patriotic poem written by Bismil Azimabadi as an ode to young freedom fighters of the Indian independence movement.
- १३०. (C) Swadeshi Movement** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- १३१. (B) Bhulabhai Desaj** — The committee declared the formation of the Congress' defence team for the INA and included famous lawyers of the time, including Bhulabhai Desai, Asaf Ali, Jawaharlal Nehru, Tej Bahadur Sapru, Kailash Nath Katju and Lt. Col Horilal Varma Bar at Law.
- १३२. (C) Stuttgart** — Appealing for human rights, equality and for autonomy from Great Britain, she described the devastating effects of a famine that had struck the Indian subcontinent.
- १३३. (B) C. R. Das - Deshbandhu** — Chittaranjan Das popularly known as Deshbandhu (Friend of the Nation) was an Indian freedom fighter, political activist and lawyer during the Indian independence movement and founder-leader of the Swaraj Party (Independence party) in Bengal during British occupation in India.
- १३४. (A) 26-01-1930** — The Purna Swaraj resolution proclaimed on January 26, 1930, later to be celebrated as independent India's Republic Day-called for "complete freedom from the British" but was later interpreted by Prime Minister Nehru as permitting India to remain within the British Commonwealth, a practical concession young Jawaharlal had often vowed he would never make.
- १३५. (C) 03/20** — Tinkathia was the system under which the native peasants of Champaran (Bihar) were forced to cultivate three kathaa Indigo out of every 20 kathaa (Bigha) of land.
- १३६. (A) Shri Krishna Singh** — Shri Krishna Sinha from Basantpur West is the first Chief Minister of Bihar for the term of 11 years, 5 days from 26 January 1950 to 31 January 1961.
- १३७. (A) Patna** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- १३८. (B) Lok Nayak** — He is also called the "Hero of Quit India Movement" and he is remembered for leading the mid-1970s opposition against Prime Minister Indira Gandhi, for whose overthrow he had called for a "total revolution".

१३९. (C) mn — Average is the sum of the data values divided by the total number of data values. Given that average of m Numbers is $\frac{m}{n}$ $\frac{m}{n} = \frac{\text{Sum of m Numbers}}{n}$ Given that average of n Numbers is $\frac{n}{m}$ $\frac{n}{m} = \frac{\text{Sum of n Numbers}}{m}$ \ Average of (m + n) Numbers is $\frac{m+n}{mn}$

१४०. (B) 11 days — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

१४१. (B) 3 and 2 — The given equations are: $217x + 131y = 913$...(i) $131x + 217y = 827$...(ii) On adding (i) & (ii), we get $348x + 348y = 1740$ $348(x + y) = 1740$ $x + y = 5$...(iii) On subtracting (ii) from (i), we get $86x - 86y = 86$ $86(x - y) = 86$ $x - y = 1$...(iv) On adding (iii) from (i), we get $2x = 6$ $x = 3$ On substituting $x = 3$ in (iii), we get $3 + y = 5$ $y = 5 - 3 = 2$ therefore, required solution is $x = 3$ and $y = 2$

१४२. (B) Committee on Subordinate Legislation — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

१४३. (A) suits and proceedings — Article 300 (1) states that the Government of India may sue or be sued by the name of the Union of India and the Government of a State may sue or be sued by the name of the State and may, subject to any provisions which may be made by Act of Parliament or of the Legislature of such State enacted by virtue of powers conferred by this Constitution, sue or be sued in relation to their respective affairs in the like cases as the Dominion of India and the corresponding Provinces or the corresponding Indian States might have sued or been.

१४४. (E) None of the above/More than one of the above — The judicial process in India is based on the constitution, the due process of routine law, conventions, the procedure established by law, etc.

१४५. (C) Maharashtra — It was set up through The Maharashtra Lokayukta and Upa-Lokayuktas Act, 1971.

१४६. (B) Chief Justice of India — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

१४७. (C) Rural Sports — 11th Schedule contains the provisions that specify the powers, authority and responsibilities of Panchayats. This schedule was added by the 73rd Amendment Act of 1992. It has 29 matters.

१४८. (D) Industrialists — MLCs are chosen in the following manner: • One third are elected by the members of local bodies such as Municipalities, Gram Panchayats, Panchayat Samitis and District Councils. • One third are elected by the members of Legislative Assembly of the State from among the persons who are not members of the State Legislative Assembly. • One sixth are nominated by the Governor from persons having knowledge or practical experience in fields such as literature, science, arts, the co-operative movement and social services. • One twelfth are.

१४९. (C) Policy/Implementation — It is only possible to ensure for careful and successful planning by creating a separate policy department general staff, free of the administration as a whole. This system is called split system.

१५०. (C) 2 and 3 only — The Finance Commissions are commissions periodically constituted by the President of India under Article 280 of the Indian Constitution to define the financial relations between the central government of India and the individual state governments. The First Commission was set up in 1951 under The Finance Commission (Miscellaneous Provisions) Act, 1951.

१५१. (A) 1 and 3 only — The Bare Necessities Index (BNI) is calculated at the rural, urban, and all-India levels in the Economic Survey 2020-2021. The BNI compiles 26 indicators across five dimensions: water, sanitation, housing, microenvironment, and other services.

१५२. (B) Krishi Yantra Banks — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

१५३. (D) 0.574 — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

१५४. (A) ` 22,511 crores — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

१५५. (E) None of the above/More than one of the above — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

- १५६. (A) 4.12 percent** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- १५७. (B) Sudipto Mundle** — The 15th Finance Commission was constituted by the Government of India-after getting ceremonial approval from President of India-through a notification in The Gazette of India on 2017-11-27. Nand Kishore Singh was appointed as the commission's chairman, with its full-time members being Shaktikanta Das and Anoop Singh and its part-time members being Ramesh Chand and Ashok Lahiri. The commission held its first meeting on 2017-12-04.
- १५८. (C) 74%** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- १५९. (D) 6-8%** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- १६०. (B) growth in per capita real income from year to year** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- १६१. (C) 2020-21 to 2024-25** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- १६२. (D) The Chairman of the Finance Commission of India** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- १६३. (A) 3 1 2 4** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- १६४. (A) West Bengal, Punjab, Andhra Pradesh, Uttar Pradesh** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- १६५. (B) Arrival of the Cripps Mission** — The Cripps Mission was a failed attempt in late March 1942 by the British government to secure full Indian cooperation and support for their efforts in World War II. The mission was headed by a senior minister Stafford Cripps. Cripps belonged to the left-wing Labour Party, which was traditionally sympathetic to Indian self-rule, but he was also a member of the coalition War Cabinet led by British Prime Minister Winston Churchill, who had long been the leader of the movement to.
- १६६. (C) Jawaharlal Nehru** — The Congress convention began in Lahore in December 1929 and Pandit Nehru was the president of the convention. He mentioned in this session that "there's only one goal ahead of us, which is full freedom." The declaration of Purna Swaraj was propagated at the INC on 19th December 1929.
- १६७. (D) Ram Manohar Lohia** — On 15 June 1943, Prime Minister Winston Churchill offered Lord Wavell the position of Viceroy of India, which he accepted. Upon his arrival in India, one of his first actions was to address the disastrous Bengal Famine which had killed millions of Indians. He did this by ordering the army to distribute relief supply to the rural populations and attempting to increase the supplies of rice by reducing its price.
- १६८. (B) Jagdishpur** — Kunwar Singh was born on 13 November 1777 to Shahabzada Singh and Panchratan Devi, in Jagdishpur of the Shahabad (now Bhojpur) District, in the state of Bihar. He belonged to the Ujjainiya Rajput clan. A British judicial officer offered a description of Kunwar Singh and described him as "a tall man, about six feet in height".
- १६९. (B) Jayaprakash Narayan** — The "Quit India" movement launched by Mahatma Gandhi in August 9, 1942 was the final assault of Indian nationalism on the citadel of British imperialism. More than 91,000 persons were arrested, and over a thousand lost their lives in police and military firing. During this period, when the anti- British movement was raging throughout the country, Jayaprakash Narayan made a successful escape bid from the Hazaribagh central jail in 1942.
- १७०. (A) Chittaranjan Das** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- १७१. (D) Food and Agriculture** — Upon independence in 1947, Prasad was elected as President of the Constituent Assembly of India, which prepared the Constitution of India and served as its provisional Parliament.
- १७२. (B) United States of America** — The Ghadar Movement was an early 20th century, international political movement founded by expatriate Indians to overthrow British rule in India. The early membership was composed mostly of Punjabi Sikhs who lived and worked on the West Coast of the United States.

- १९५. (A) Rh factor** — Rh factor is an inherited protein found on the surface of red blood cells. If your blood has the protein, you're Rh positive.
- १९६. (D) brain** — The gland is attached to the hypothalamus (a part of the brain that affects the pituitary gland) by nerve fibers and blood vessels. The pituitary gland itself consists of 2 major structures: Anterior Pituitary and the Posterior Pituitary.
- १९७. (C) Ultrasonic waves** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- १९८. (C) AB** — People having a blood group of AB+ can accept blood from any person of any blood group.
- १९९. (D) lungs** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २००. (A) concave** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २०१. (D) our perspiration evaporates rapidly** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २०२. (A) refraction of light** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २०३. (B) uncontrolled fusion reaction** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २०४. (A) water starts boiling at low temperature due to high pressure** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २०५. (B) increase** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २०६. (D) the water level will not change** — A piece of ice is floating in a beaker containing water up to its brim. When whole of the ice melts the water level will not change.
- २०७. (D) Galvanometer-Electric resistance** — A galvanometer is an electromechanical measuring instrument for electric current.
- २०८. (D) all the three will reach at the ground together** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २०९. (D) interference of light** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २१०. (A) the sum of the numbers of neutrons and protons** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २११. (A) Limestone** — Limestone is a sedimentary type of rock naturally found on earth. • Limestone rock primarily contains calcium carbonate i.e CaCO_3 . • Quartz, clay minerals, pyrite, siderite and feldspar etc. • It is known by other names like chalk, coquina, travertine, tufa, lithographic limestone.
- २१२. (B) the mass number** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २१३. (D) triple point** — It is that temperature and pressure at which the sublimation curve, fusion curve and the vaporisation curve meet. For example, the triple point of mercury occurs at a temperature of -38.8°C (-37.8°F) and a pressure of 0.165 mPa.
- २१४. (A) bauxite** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २१५. (B) Basic solution** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २१६. (C) 1 January, 2021** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २१७. (B) Russia** — Sputnik V is the world's first registered vaccine based on a well-studied human adenovirus vector platform.

- २१८. (A) 46th President of America** — Joseph Robinette Biden is an American politician who is the 46th and current president of the United States. A member of the Democratic Party, he previously served as the 47th vice president from 2009 to 2017 under President Barack Obama and represented Delaware in the United States Senate from 1973 to 2009.
- २१९. (E) None of the above/More than one of the above** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २२०. (B) T. S. Tirumurti** — T. S. Tirumurti fits the fact asked in the question, while the other choices do not match the required answer.
- २२१. (A) Gopalganj** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २२२. (B) international carrom champion** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २२३. (D) providing services to people stranded outside Bihar during COVID-19 lockdown** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २२४. (D) skill and development entrepreneurship** — The new ministry proposed in the Bihar Budget for the year 2021- 22 focuses on skill and entrepreneurship development.
- २२५. (D) Khagaria** — The Government of India launched the Garib Kalyan Rojgar Abhiyan (GKRA) initiative to tackle the impact of COVID-19 on shramik (migrant) workers in India. It is a rural public works scheme which was launched on 20 June 2020 with an initial funding of 50,000 crore (US\$6.3 billion).
- २२६. (A) Serum Institute** — Both COVISHIELD (manufactured by Serum Institute of India Pvt Ltd) and COVID-19 Vaccine AstraZeneca (manufactured by AstraZeneca) are ChAdOx1 nCoV-19 Corona Virus Vaccines (Recombinant).
- २२७. (B) 9.02 km** — Atal Tunnel named after former Prime Minister of India, Atal Bihari Vajpayee is a highway tunnel built under the Rohtang Pass in the eastern Pir Panjal range of the Himalayas on the Leh-Manali Highway in Himachal Pradesh, India. At a length of 9.02 km, it is the longest highway single-tube tunnel above 10,000 feet (3,048 m) in the world.
- २२८. (D) To grant citizenship to persecuted minority groups of Afghanistan, Bangladesh and Pakistan** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २२९. (B) construction of a new Parliament, the Prime Minister and Vice President's residences along with a common Central Secretariat** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २३०. (C) Ladakh** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २३१. (B) Sandesh Jhingan** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २३२. (C) 1 February, 2019** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २३३. (B) Javelin Throw** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २३४. (A) 1 January, 2021** — India take over the Chairmanship of the UN Security Council on 1st January, 2021.
- २३५. (C) Major General Chris Donahue** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २३६. (B) Dassault Aviation** — Dassault Aviation S.A. is a French manufacturer of military aircraft and business jets. It was created in 1929 by Marcel Bloch as Société des Avions Marcel Bloch or "MB".
- २३७. (D) June 2020** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २३८. (A) Israel** — Pegasus gained a reputation as the "world's most powerful cyberweapon" for its ability to infiltrate a target's smartphone without requiring the user to click a link to activate the malware.

- २३९. (B) Subhas Chandra Bose** — The Forward Bloc of the Indian National Congress is a Political Party that was formed on May 3, 1939 in Makur Unnao, Uttar Pradesh.
- २४०. (A) Liaquat Ali Khan** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २४१. (A) Sidhu and Kanhu** — The Santhal Rebellion was a rebellion in present-day Jharkhand and West Bengal, Eastern India against both the British East India Company (BEIC) and zamindari system by the Santhal. It started on June 30, 1855 and on November 10, 1855, martial law was proclaimed by the East India Company which lasted until January 3, 1856 when martial law was suspended and the rebellion was eventually suppressed by the Presidency armies. The rebellion was led by the four sibling Brothers - Sidhu, Kanhu, Chand and Bhairav.
- २४२. (A) Raj Kumar Shukla** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २४३. (B) Gautama Buddha** — Bodh Gaya contains one of the holiest of Buddhist sites.
- २४४. (C) Sachindra Nath Sanyal** — Bankimchandra Mitra of BN College was given responsibilities to lead the organization. Anushilan Samiti means "Self-Culture Association".
- २४५. (B) Phulan Prasad Varma and Jayaprakash Narayan** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २४६. (A) Sasaram** — The tomb was built in memory of Emperor Sher Shah Suri, a Pathan from Bihar who defeated the Mughal Empire and founded the Suri Empire in northern India. He died in an accidental gunpowder explosion in the fort of Kalinjar on 13 May 1545.
- २४७. (A) Lothal** — Construction of the city is believed to have begun around 2200 BCE.
- २४८. (A) Vijayalaya** — Vijayalaya, possibly a feudatory of the Pallava dynasty, took an opportunity arising out of a conflict between the Pandya dynasty and Pallava dynasty in c. 850, captured Thanjavur from Muttarayar, and established the imperial line of the medieval Chola Dynasty. Thanjavur became the capital of the Imperial Chola Dynasty.
- २४९. (B) Mahakashyapa** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २५०. (D) Bharavi** — His poetry, characterized by its lofty expression and intricate style, may have influenced the 8th-century poet Magha.
- २५१. (A) Iltutmish** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २५२. (C) Harihara-Bukka** — Vijayanagara or "city of victory" was the name of both a city and an empire. The empire was created in the fourteenth century (1336 AD) by Harihara and Bukka of the Sangama dynasty. They made Hampi the capital city.
- २५३. (C) Jahangir** — Roe resided at Agra for three years, until 1619. At the Mughal court, Roe allegedly became a favourite of Jahangir and may have been his drinking partner; certainly he arrived with gifts of "many crates of red wine."
- २५४. (D) Abul Fazl** — It is a detailed document which describes the administration of Akbar's empire.
- २५५. (B) Madras** — The Ryotwari system was a land revenue system in British India which was introduced by Thomas Munro allowed the government to deal directly with the cultivator for revenue collection and gave the peasant freedom to cede or acquire new land for cultivation.
- २५६. (A) V. D. Savarkar** — In London, V.D. Savarkar involved himself with organizations such as India House and the Free India Society. He also published books advocating complete Indian independence by revolutionary means.
- २५७. (B) Annie Besant** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २५८. (D) Babasaheb Ambedkar** — Baba Saheb Ambedkar started the journal, Bahishkrita Bharat.
- २५९. (B) Krishna and Godavari** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

- २६०. (B) 1, 2 and 4** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २६१. (C) Jharkhand** — Jharia coalfield is a large coal field located in the east of India in Jharia, Jharkhand. The Jharia coal fields in eastern India, which span more than 100 square miles and have been mined since the late 1800s, have seen the emergence of almost 70 fires.
- २६२. (C) Gaya** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २६३. (B) Patna** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २६४. (C) Chota Nagpur Plateau** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २६५. (C) Kanwar Lake** — Kanwar Lake or Kabartal Lake is situated in the Begusarai district of Bihar. It is Asia's largest oxbow lake.
- २६६. (A) Gaya** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २६७. (A) Northern East** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २६८. (B) measurement of dimension of the earth** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २६९. (B) A. Wegener** — The theory of continental drift was developed by A. Wegener. Continental drift describes one of the earliest ways geologists thought continents moved over time.
- २७०. (A) Java** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २७१. (B) earth rotation** — Because the Earth rotates on its axis, circulating air is deflected toward the right in the Northern Hemisphere and toward the left in the Southern Hemisphere. This deflection is called the Coriolis effect.
- २७२. (A) Lebanon** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २७३. (B) titanium** — It forms solid-solution series with geikielite and pyrophanite in which magnesium and manganese, respectively, replace iron in the crystal structure.
- २७४. (A) 1 and 2 only** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २७५. (E) None of the above/More than one of the above** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २७६. (E) None of the above/More than one of the above** — Wular Lake and Loktak lake is a freshwater lake.
- २७७. (D) Saturn** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- २७८. (A) Iron Ore Mining** — Chiria is a census town in West Singhbhum district in the state of Jharkhand, India. India's largest iron ore mine with reserves of 2 billion tonnes of iron ore is located here. The mine is operated by Steel Authority of India Limited.
- २७९. (D) Kushanas** — The Kushan dynasty had diplomatic contacts with the Roman Empire, Sasanian Persia, the Aksumite Empire and the Han dynasty of China and was at the center of trade relations between the Roman Empire and China. Ambassadors from the Kushans who met with the Roman Emperor Hadrian are described in the Historia Augusta.
- २८०. (B) Iltutmish** — Iltutmish was third and greatest Delhi Sultan of the so-called Slave dynasty. Iltutmish was sold into slavery but married the daughter of his master, Qutb al-Din Aibak, whom he succeeded in 1211.
- २८१. (E) None of the above/More than one of the above** — Alauddin Khalji and Mohammad-bin-Tughlaq opposed the power of the Khalifa. Alauddin Khalji reigned for 20 years. He attacked and seized states of Ranthambhor (1301), Chittorgarh (1303), Malwa (1305) and plundered the wealthy state of Devagiri during his raids in south.
- २८२. (D) Balban** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

२८३. (A) Aurangzeb — In the year 1682 the English East India Company sent William Hedges to Shaista Khan, the Mughal governor of Bengal Subah, in order to obtain a firman: an imperial directive that would grant the Company regular trading privileges throughout the protoindustrialised Mughal Empire, the world's largest economy of that time. After the intervention of the company's governor in London, Sir Josiah Child, with Hedges's mission, causing Emperor Aurangzeb to break off the negotiations. After that Child decided to go to war against the Mughals.

२८४. (B) 1, 2 and 4 only — Lord William Bentinck is called India's liberal Governor- General. He is credited with major social and educational reforms in India, including the abolition of Sati, the suppression of female infanticide and Thuggee, abolition of slavery, the abolition of lawlessness, and the abolition of human sacrifices.

२८५. (B) Napier — The territory was annexed by the Bombay Presidency of British India on 17 February 1843, following a British Indian conquest led by then Major-General Charles Napier in order to quell the insurrection of Sindhi rulers who had remained hostile to the British Empire following the First Anglo-Afghan War.

२८६. (A) 23rd March, 1931 — March 23rd is observed as 'Martyrs' Day' or 'Shaheed Diwas' or 'Sarvodaya Day' in India in honour of the eternal heroes.

२८७. (C) Brahma Dutt — The Congress was in a confused state again after the August Offer. The radicals and leftists wanted to launch a mass Civil Disobedience Movement, but here Gandhiji insisted on Individual Satyagraha.

२८८. (D) Usha Mehta — She is also remembered for organizing the Congress Radio, also called the Secret Congress Radio, an underground radio station, which functioned for few months during the Quit India Movement of 1942.

२८९. (B) Jeevaka — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

२९०. (A) Ibn Bakhtiyar Khilji — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

२९१. (D) Satyendra Prasanna Sinha — He was the first Governor of Bihar and Orissa, first Indian Advocate-General of Bengal, first Indian to become a member of the Viceroy's Executive Council and the first Indian to become a member of the British ministry.

२९२. (A) Sidhu and Kanhu — The Santhal rebellion was a rebellion in present-day Jharkhand and West Bengal, Eastern India against both the British East India Company (BEIC) and zamindari system by the Santhal. It started on June 30, 1855 and on November 10, 1855, martial law was proclaimed by the East India Company which lasted until January 3, 1856 when martial law was suspended and the rebellion was eventually suppressed by the Presidency armies. The rebellion was led by the four sibling Brothers - Sidhu, Kanhu, Chand and Bhairav.

२९३. (A) Rajagriha — The first Buddhist Council was held at Sattapanni caves Rajgriha after the death of Buddha. It held around 400 BCE.

२९४. (B) Chandragupta II — He continued the policy of his father, Samudra Gupta, by extending control over neighbouring territories.

२९५. (D) Pushyabhuti — The Pushyabhuti dynasty also known as the Vardhana dynasty, ruled in northern India during 6th and 7th centuries. The dynasty reached its zenith under its last ruler Harsha Vardhana (c.

२९६. (B) North Atlantic Ocean — Sargassum is a genus of brown macroalgae and The Atlantic Ocean's Sargasso Sea was named after the algae, as it hosts a large amount of Sargassum.

२९७. (D) McMahon Line — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

२९८. (C) the winds do not come across any barriers to cause the necessary uplift to cool the air — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

२९९. (C) 1, 2 and 3 — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

३००. (A) Saffron — Karewas are the thick deposits of glacial clay and other materials embedded with moraines. These are unconsolidated lacustrine deposits. Lacustrine means "associated with lakes" Karewa deposits have different soil and sediments

such as sand, clay, silt, shale, mud, lignite and losses.

३०१. (D) Kerala — Thorium is a radioactive element found in Andhra Pradesh, Kerala, Odisha, West Bengal, Tamil Nadu. Thorium is used for the purpose of generation of nuclear energy.

३०२. (B) Nepanagar — Nepanagar is an industrial township in Burhanpur district in the Indian state of Madhya Pradesh.

३०३. (A) Raniganj — In 1774, John Sumner and Suetonius Grant Heatly of the British East India Company found coal near Ethora, presently in Salanpur community development block. The early exploration and mining operations were carried out in a haphazard manner.

३०४. (B) Bhil — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

३०५. (B) 94163 sq. km — The State lies between 24°16' N to 27°45' N latitude and 83°16' E to 88°30' E longitude. The neighbouring States are Uttar Pradesh in the west, Jharkhand in the south and West Bengal in the east.

३०६. (B) Kosi — Soil erosion and landslide in the upper course of the river produce one of the highest silt yields in the world. This is the reason it is referred to as the "Sorrow of Bihar".

३०७. (B) Kaimur — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

३०८. (A) Kanwar Lake — It is a freshwater lake located in the Begusarai district and is the only Ramsar site in Bihar. It is currently facing the threat of running dry.

३०९. (A) Jamui — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

३१०. (B) Bhagalpur — Bhagalpur division is an administrative geographical unit of Bihar state of India, with Bhagalpur as the administrative headquarters of the division.

३११. (C) 51.50%. — The female literacy rate of Bihar According to the Census 2011 of India is 51.5%. Male literacy stands at 71.20 percent.

३१२. (C) Sun — Its diameter is about 865,000 miles (1.4 million kilometers). Its gravity holds the solar system together, keeping everything from the biggest planets to the smallest bits of debris in orbit around it.

३१३. (C) Nickel and ferrum. — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

३१४. (A) W. M. Davis — Davis postulated the concept of geographical cycle of erosion. In this theory, first set forth by William M. Davis between 1884 and 1934, landforms were assumed to change through time from "youth" to "maturity" to "old age," each stage having specific characteristics.

३१५. (A) Southern Hemisphere — Westerlies are described as 'Roaring Forties', 'Furious Fifties' and 'Shrieking Sixties' in the Southern Hemisphere.

३१६. (C) Mr. M. C. Setalvad — Mr. M.C. Setalvad was the chairman of first law Commission in Independent India. The first Law Commission of independent India was set up in 1955.

३१७. (E) None of the above/More than one of the above — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

३१८. (E) None of the above/More than one of the above — The following areas have been exempted from the operation of the Panchayati Raj Act because of the socio-cultural and administrative considerations: • Scheduled areas listed under the V Schedule in the states of Andhra Pradesh, Bihar, Gujarat, Himachal Pradesh, Madhya Pradesh, Maharashtra, Orissa and Rajasthan. • The states of Nagaland, Meghalaya and Mizoram. • The hill areas of district of Darjeeling in the state of West Bengal for which Darjeeling Gorkha Hill Council exists.

३१९. (E) None of the above/More than one of the above — The Supreme Court is a: • Protector of human Right • Final interpreter of the Constitution • Civil Court • Federal court, etc.

- ३२०. (D) finance commission** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ३२१. (E) None of the above/More than one of the above** — all the given options are correct.
- ३२२. (C) Any number of times** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ३२३. (C) regional rural banks' restructuring** — The Committee on Restructuring of RRBs, 1994 (Bhandari Committee) identified 49 RRBs for comprehensive restructuring. It recommended greater devolution of decision-making powers to the Boards of RRBs in the matters of business development and staff matters.
- ३२४. (D) NPS is regulated by the Pension Fund Regulatory and Development Authority** — National Pension Scheme is regulated by the Pension Fund Regulatory and Development Authority.
- ३२५. (C) Disinvestment** — The Union Budget for FY 2022-23 this year prioritizes to strengthen the infrastructure with its focus on four priorities: PM GatiShakti, Inclusive Development, Productivity Enhancement & Investment, Sunrise Opportunities, Energy Transition, and Climate Action.
- ३२६. (A) 11.7%** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ३२७. (D) 1.7%** — For the year 2018 for service sector, India's share in global exports was 3.5% and imports was 3.2%.
- ३२८. (D) 109.5 million tonnes** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ३२९. (C) It is for the development of border villages on the northern border.** — Vibrant Village Programme is for the development of border villages on the northern border.
- ३३०. (C) The primary sector in Bihar had grown at 2.8 per cent.** — The primary sector in Bihar had grown at 2.3%.
- ३३१. (D) Nalanda < Munger < Patna** — Patna district has the highest level of urbanization (44.3 percent), apart from Patna, only two districts- Munger (28.3 percent) and Nalanda (26.2 percent) have more than 25 percent urbanization.
- ३३२. (B) 3.47%** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ३३३. (C) Airways to everyone** — 7 Nishchay Yojna List [part-2] 1. Progress of youth power Bihar 2. Empowered women-abled women 3.
- ३३४. (D) Nawada > Kishanganj > East Champaran > Araria > Sheohar** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ३३५. (C) The 33.35 per cent population of India was living below the poverty line.** — According to the 68th round of NSSO, 21.9% population of India was living below poverty line.
- ३३६. (D) Investment in Plant and Machinery or equipment not more than `1 crore** — Revised Classification applicable w.e.f 1st Composite Criteria: Investment in Plant Turnover Classification Micro Small Manufacturing Investment in Plant Investment Enterprises and Machinery and Enterprises or Equipment: Equipment: rendering Not more than `1 Not Services crore and Annual crore Turnover; not more Turnover; than `5 crore than 67th B.P.S.C. (Pre) Re-Exam-30.9.2022
- ३३७. (A) Construction of well** — "Pradhan Mantri Krishi Sinchai Yojana" Government of India is committed to accord high priority to water conservation and its management. To this effect Pradhan Mantri Krishi Sinchai Yojana (PMKSY) has been formulated with the vision of extending the coverage of irrigation 'Har Khet ko pani' and improving water use efficiency 'More crop per drop' in a focused manner with end to end solution on source creation, distribution, management, field application and extension activities.
- ३३८. (D) Vallabhbhai Patel** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

- ३३९. (A) Ramsay MacDonald** — The members of the Cabinet Mission were: Lord Pentthick-Lawrence, Secretary of State for India, Sir Stafford Cripps, President of the Board of Trade, and A.V Alexander, First Lord of Admiralty.
- ३४०. (B) 1929 Lahore** — In 1929 the Congress session was held at Lahore in 1929. This session was very significant because in this Lahore session the prominent party Indian July 2020 & Machinery/equipment and Annual Medium in Plant Investment in Plant Machinery or and Machinery or Equipment: more than `10 Not more than `50 and Annual crore and Annual not more Turnover; not more `50 crore than `250 crore 67th B.P.S.C. (Pre) Re-Exam-30.9.2022 National Congress, took the resolution of Purna Swaraj or complete independence.
- ३४१. (D) Swaraj Island** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ३४२. (C) Uttar Pradesh** — The Chauri Chaura incident took place on 4 February 1922 (according to the Indian government's official data) at Chauri Chaura, in the Gorakhpur district, in the United Provinces (now Uttar Pradesh), in British India. The police there fired upon a large group of protesters participating in the Noncooperation movement.
- ३४३. (B) Muzaffarpur** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ३४४. (C) Quit India Movement.** — Jaiprakash Narayan was a very active leader in Bihar where he formed 'Azad Dasta' in the terrains of Nepal and trained them in guerrilla warfare. Although this movement theoretically was led by Gandhi but in practice, it was in the hands of revolutionaries and the local leaders.
- ३४५. (D) Jagjivan Ram** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ३४६. (C) Deepawali** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ३४७. (C) December 1946** — After the formation of Interim Government of 12 nominated ministers under the leadership of Jawaharlal Nehru on 2 September 1946, Dr. Rajendra Prasad was allocated the Food and Agriculture department. He was elected as the President of Constituent Assembly on 11 December 1946. On 17 November 1947 he became Congress President for a third time after J.
- ३४८. (C) Abdul Gaffar Khan** — Abdul Ghaffar Khan, the foremost 20th-century leader of the Pashtuns who became a follower of Mahatma Gandhi.
- ३४९. (B) Gwalior** — She was dressed as a soldier when she died. Gwalior was captured by the British three days later.
- ३५०. (D) Surendra Nath Bannerjee** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ३५१. (B) Michael O'Dwyer** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ३५२. (A) 48 minutes past 10** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ३५३. (B) 27 minutes past 5** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ३५४. (C) 30 days** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ३५५. (C) 60, 40** — Let the natural numbers are A & B Now from the question, $AB = 2400$ $A^2 + B^2 = 5200$ $(A + B)^2 = A^2 + B^2 + 2AB = 5200 + 4800 = 10000$ $\therefore A + B = 100$...(i) $(A - B)^2 = A^2 + B^2 - 2AB$ $(A - B)^2 = 5200 - 2 \times 2400 = 5200 - 4800 = 400 \Rightarrow A - B = 400 = 20$ $A - B = 20$...(ii) After solving equation (i) and (ii), we get $100 + 20 A = 60$ $B = 60 - 20 = 40$
- ३५६. (A) 28 kg** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ३५७. (B) ` 240 per dozen** — $75\% - 150 \div 120\% = \times 120 = 240$
- ३५८. (A) 52 cm** — $5^2 + 12^2 = 169 = 13^2$ $\therefore$ Its perimeter = $4 \times 13 = 52$ Relative distance
- ३५९. (B) 12 seconds** — 12 5

- 360. (B) Convex lens** — This works when the object is placed at a distance less than the focal length from the lens. A magnifying glass uses a convex lens because these lenses cause light rays to converge, or come together.
- 361. (C) platinum** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 362. (B) protons and neutrons** — These are held together by the strongest known fundamental force, called the strong force. The nucleus makes up much less than.
- 363. (D) smelting** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 364. (D) Zinc and copper** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 365. (D) CaO** — It is a white, caustic, alkaline, crystalline solid at room temperature.
- 366. (D) Increases for long time** — When iron or any other metal oxidizes, oxygen from the air combines with the iron to make iron oxide or rust. So, weight of the bar increases, due to the increased weight of oxygen which has combined with the iron.
- 367. (E) None of the above/More than one of the above** — The white metals are a series of often decorative bright metal alloys used as a base for plated silverware, ornaments or novelties, as well as any of several lead-based or tin-based alloys used for things like bearings, jewellery, miniature figures, fusible plugs, some medals and metal type. The term is also used in the antiques trade for an item suspected of being silver, but not hallmarked. A white metal alloy may include antimony, tin, lead, cadmium, bismuth, and zinc (some of which are quite toxic).
- 368. (D) I only** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 369. (C) Both 1 and 2** — Both the statements are correct.
- 370. (D) Methane** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 371. (D) Strontium,** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 372. (C) Halophytes** — They are salt-resistant or salttolerant plants and have remarkable ability to complete their life cycle in saline condition.
- 373. (B) chlorophyll** — They are distinguished by their unique structure as well as physiological features. Fungi also have a cell wall that is made up of chitin and get the nutrients through absorption.
- 374. (D) transfer of pollen grain from anther to stigma** — Pollination is the act of transferring pollen grains from the male anther of a flower to the female stigma. The goal of every living organism, including plants, is to create offspring for the next generation.
- 375. (C) soil** — Transpiration is the main cause for this.
- 376. (A) gymnosperm** — The gymnosperms are a group of seedproducing plants that includes conifers, cycads, Ginkgo, and gnetophytes, forming the clade Gymnospermae, the living members of which are also known as Acrogymnospermae.
- 377. (C) Malaria - Chloroquine.** — Malaria-Chloroquine
- 378. (A) earthworm** — Earthworms (*Lumbricus terrestris*) lack RBCs, yet they have a unique type of Hb called erythrocrutorin (LtEc).
- 379. (B) glucose** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 380. (D) proteins** — Enzymes are proteins made up of amino acids that helps with lowering the activation energy of the reaction. Only few proteins have the capability to bind the substrate with the help of their active sites in such a manner that allows the reaction to take place in an efficient manner.
- 381. (C) Edward Jenner** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 382. (B) centrifugation** — Centrifugation is a separation process that uses the action of centrifugal force to promote accelerated settling of particles in a solid-liquid mixture.
- 383. (C) glass** — 67th B.P.S.C. (Pre) Re-Exam-30.9.2022

- ३८४. (D) Speed** — It is the rate of change in the distance travelled by an object.
- ३८५. (A) decrease** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ३८६. (D) Galileo** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ३८७. (C) Avogadro's law** — This empirical relation can be derived from the kinetic theory of gases under the assumption of a perfect (ideal) gas.
- ३८८. (D) Albert Einstein** — He determined that the laws of physics are the same for all non-accelerating observers, and he showed that the speed of light within a vacuum is the same no matter the speed at which an observer travels, according to Wired.
- ३८९. (D) Thomson effect** — Due to temperature variation along a conductor, potential variation occurs along it. This phenomenon is called Thomson effect.
- ३९०. (D) Virat Kohli** — In March 2021, Virat Kohli became the first cricketer to complete 3,000 runs in T20 International cricket. an earlier India cricket team captain achieved the incredible milestone during the second T20 against England in his 87th T20 international match at the Narendra Modi Stadium in Ahmedabad.
- ३९१. (D) Har Ghar Dastak Campaign 2.0** — Being implemented in a 'Mission Mode', States and UTs have been advised to give an intensive push towards full COVID-19 vaccination coverage by vaccinating all eligible beneficiaries.
- ३९२. (A) Eknath Shinde** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ३९३. (C) Central Government** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ३९४. (D) Uttarakhand** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ३९५. (D) 1 and 2 only.** — Bihar Shri Phagu Chauhan Rajasthan Shri Kalraj Mishra Uttar Smt. Anandiben Pradesh Patel Shri La. Ganesan West Bengal Iyer
- ३९६. (B) Ministry of Statistics and Programme Implementation (MoSPI)** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ३९७. (A) Shooting** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ३९८. (D) Smriti Irani** — Minister of Women and Child Development in the Union Cabinet of India Smriti Zubin Irani has been assigned the charge of the Ministry of Minority Affairs.
- ३९९. (D) Yashwant Sinha** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ४००. (D) Geetanjali Shree** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ४०१. (A) Deep Shrestha** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ४०२. (B) 15.3%** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ४०३. (B) Manoj Tiwari** — He will be the "brand ambassador" for Khadi and other handicrafts of Bihar.
- ४०४. (A) Sitamarhi** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ४०५. (B) 4 3 1 2** — Governor of Bihar - Mr Fagu Chauhan Chief Justice of Bihar - Mr Sanjay Karol Chief Minister of Bihar - Mr Nitish Kumar Chief Electoral Officer of Bihar - Mr.H.R. Srinivas.
- ४०६. (C) liquor ban** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ४०७. (D) Gold medal** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ४०८. (D) Bhagalpur** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ४०९. (B) Valmiki Tiger Reserve** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

४१०. (D) Anganwadi workers — Sunandini program was launched at Anganwadi centers on Wednesday. Nutritious laddus were distributed among the children under the supervision of Supervisor Lalima Kumari at Adarsh Anganwadi Center No. 66 located at Garhpura Block Headquarters and Supervisor Pushpa Kumari at Anganwadi Center No. 108 located in Dharampur village.

४११. (A) Japan — He was the longest-serving Prime Minister in Japanese history.

४१२. (C) Hindi. — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

४१३. (D) Abdulla Shahid — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

४१४. (C) Operation Ganga — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

४१५. (A) Bhutan — It is one of the country's protected areas and is listed as a tentative site in Bhutan's Tentative List for UNESCO inclusion.

४१६. (C) Delhi — India's presidency will begin on 1 December 2022, leading up to the summit in the fourth quarter of 2023. The presidency handover ceremony was held as an intimate event, in which the G20 Presidency gavel was transferred from Indonesian President Joko Widodo to Indian Prime Minister Narendra Modi at the close of the Bali summit.

४१७. (A) 2 and 3 only — UN Peacekeeping helps countries navigate the difficult path from conflict to peace. We have unique strengths, including legitimacy, burden sharing, and an ability to deploy 67th B.P.S.C. (Pre) Re-Exam-30.9.2022 troops and police from around the world, integrating them with civilian peacekeepers to address a range of mandates set by the UN Security Council and General Assembly.

४१८. (D) Israel — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

४१९. (B) Russia — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

४२०. (C) cartilage — Cartilage is a strong, flexible connective tissue that protects your joints and bones. It acts as a shock absorber throughout the body.

४२१. (A) alga and a fungus. — A lichen is a composite organism that arises from algae or cyanobacteria living among filaments of multiple fungi species in a mutualistic relationship. Lichens have properties different from those of their component organisms. They come in many colours, sizes, and forms and are sometimes plant-like, but are not plants.

४२२. (B) at an angle with substratum — Anopheles mosquito makes angles its body at 45 degrees from the surface.

४२३. (C) lymphocytes — B cells (sometimes called B-lymphocytes and often named on lab reports as CD19 or CD20 cells) are specialized cells of the immune system whose major function is to produce antibodies (also known as immunoglobulins or gamma-globulins). B cells develop in the bone marrow from stem cells.

४२४. (A) Muscles can only push the bone. — Muscles are soft tissues. Many stretchy fibers make up your muscles. we have more than 600 muscles in your body. Different types of muscles have different jobs.

४२५. (A) a horse of less brightness — Large number of thin strips of black paint are made on the surface of convex lens of focal length 20 cm to catch the image of a white horse. The image will be a horse of less brightness.

४२६. (D) More than one of the above — The shrillness of a sound is determined by the frequency of vibration. The characteristics of sound which depend on frequency are called the pitch of a sound or shrillness of the sound. If the frequency is high, the sound is shrill and has a higher pitch.

४२७. (B) Photovoltaic cell — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

४२८. (A) rolling friction — Ball bearing is a device which is used to convert sliding friction into rolling friction because rolling friction is much lesser than sliding friction. Ball bearings reduce friction and facilitate easy movement.

४२९. (A) decrease the rate of change of momentum — A goalkeeper in a game of football pulls his hands backwards after holding the ball shot at the goal. This enables the goalkeeper to decrease the rate of change of momentum.

- 830. (C) Alpha ray** — They are generally produced in the process of alpha decay, but may also be produced in other ways. Alpha particles are named after the first letter in the Greek alphabet, α .
- 831. (B) keep the body moving along the circular path** — When an object moves in a circular path it changes into direction and velocity at every point. The force that causes this velocity or acceleration is called centripetal force.
- 832. (A) Kinetic energy to heat energy** — Due to frictional force, the objects which are in motion stop. As they possess kinetic energy, objects come in contact with each other which generates heat energy between them.
- 833. (C) bent towards left side** — A bus is moving along a straight path and takes a sharp turn to the right side suddenly. The passengers sitting in the bus will bent towards left side.
- 834. (A) frequency of the sitar string with the frequency of other musical instruments** — Before playing the orchestra in a musical concert, a sitarist tries to adjust the tension and pluck the string suitably. By doing so, he/ she is adjusting frequency of the sitar string with the frequency of other musical instrument.
- 835. (C) kerosene** — A form of matter has no fixed shape but it has a fixed volume. An example of this form of matter is kerosene. Liquids have no definite shape but have definite volume while gases have neither definite shape nor definite volume.
- 836. (B) Al_2O_3 and ZnO** — Some metal oxides react with acid as well as base to produce salt and water. They are called amphoteric oxides. The examples of amphoteric oxides are Al_2O_3 and ZnO .
- 837. (D) More than one of the above** — In descending order, the gases that contribute most to the Earth's greenhouse effect are: water vapour (H_2O) carbon dioxide (CO_2) nitrous oxide (N_2O). greenhouse effect is the way in which heat is trapped close to Earth's surface by "greenhouse gases." These heat-trapping gases can be thought of as a blanket wrapped around Earth, keeping the planet toastier than it would be without them.
- 838. (B) CO_2** — Acids react with metal carbonates to liberate carbon dioxide gas.
- 839. (B) Oxalic acid** — It is the simplest dicarboxylic acid. It is a white crystalline solid that forms a colourless solution in water.
- 840. (C) Base** — The solution which turns red litmus to blue contains basic solution. The solution from the test tube which turns blue litmus paper to red will be the acidic solution and solution of the test tube which do not change either red or blue litmus paper contain water. In chemistry, there are three definitions in common use of the word base, known as Arrhenius bases, Brønsted bases, and Lewis bases.
- 841. (A) vinegar** — Vinegar is an aqueous solution of acetic acid and trace compounds that may include flavourings. Vinegar typically contains 5-8% acetic acid by volume.
- 842. (C) No H_3O^+ ions are present. Litmus changes colour only in the presence of H_3O^+ ions.** — The dry HCl gas not change the colour of dry litmus paper No H_3O^+ ions are present. Litmus changes colour only in the presence of H_3O^+ ions.
- 843. (B) Setting of cement** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 844. (D) More than one of the above** — Graphite and diamond are two of the most interesting minerals. They are identical chemically - both are composed of carbon (C), but physically, they are very different. Minerals which have the same chemistry but different crystal structures are called polymorphs.
- 845. (E) None of the above** — Opening and closing of stomata is due to changes of turgor pressure in guard cells.
- 846. (A) red and blue** — Chlorophyll absorbs light in the red (long wavelength) and the blue (short wavelength) regions of the visible light spectrum. Green light is not absorbed but reflected, making the plant appear green.
- 847. (B) Thick, hard stem with branching near base: Tree** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

886. (B) absorption — Water reaches great heights in trees because of suction pull caused by transpiration. Transpiration pull is the biological process by which pull force is generated within the xylem tissue. The generated force helps the water move upwards into the xylem pipe.

889. (A) Presence of both DNA and RNA — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

890. (B) None of the above — $44 - 37 = 7 \times 7 = 49$ $52 - 41 = 11 \times 7 = 77$ $58 - 53 = 5 \times 7 = 35$

898. (A) More than one of the above — 15 20 32 62 118 248 428 5 12 30 56 130 180 22+1 32+3 52+5 72+7 112+9 132+11

899. (B) None of the above — 1 2 3 4 5 6 7 8 A B C D E F G H 26 25 24 23 22 21 20 19 9 10 11 12 13 14 15 16 I J K L M N O P 18 17 16 15 14 13 12 11 17 18 19 20 21 22 23 24 Q R S T U V W X 10 9 8 7 6 5 4 3 25 26 Y Z 2 1 F A S T E R
↓ ↓ ↓ ↓ ↓ ↓ 22 2 9 21 23 19 M O N K ↓ ↓ ↓ ↓ 15 16 14 12 \ G U I D E ↓ ↓ ↓ ↓ ↓ 21 22 19 5 23

893. (A) 10, 3 — Area of Rectangle = Length $\times$ Breadth Perimeter of Rectangle = $2(\text{Length} + \text{Breadth})$ \ $26 = 2(l + b)$...(i) $30 = lb$...(ii) From (i) $13 = l + b \Rightarrow 13 = + b$ $b \Rightarrow 13b = 30 + b^2 \Rightarrow b = 3$ \ $l = 10$ Length = 10 cm Breadth = 3 cm

898. (C) `396 — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

899. (C) 2, 1, 4, 3, 5 — The correct order as the order of precedence is President, Vice President, Prime Minister, Speaker

896. (B) one-fourth — Let total property = x $\times$ Left asset after cherity = $x - 3x$ = Remaining property is to be divided among three. So the share of each child $3x$ $1 x = \times = 4$ $3 4 =$ one fourth.

899. (E) None of the above — Every square is a rhombus Every square is a triangle Every rhombus is a parallelogram

896. (C) Wife of brother-in-law — Symbol Meaning $\rightarrow$ Female $\rightarrow$ Male $\rightarrow$ Married couple $\rightarrow$ siblings $\rightarrow$ Difference of a generation Given T Z S A X X B K R H M Because B is the brother in law of S. therefore, K is the wife of the brother in law of S.

899. (A) The District Forum entertains the complaints where the value of goods or services does not exceed rupees fifty lakhs. — According to section 21 of Consumer Protection Act 1986, District Forum will have jurisdiction to consider a complaint, if the value of the goods is not more than 20 Lakh.

890. (A) Block-level body — The Panchayati Raj Institution (PRI) consists of three levels: Gram Panchayat at the village level. Block Panchayat or Panchayat Samiti at the intermediate level. Zilla Panchayat at the district level.

898. (B) National Extension Service — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

899. (B) Britain — S.No Countries Borrowed Features of Indian Constitution 1. Australia Concurrent list Freedom of trade, commerce and intercourse Joint-sitting of the two Houses of Parliament 2. Canada Federation with a strong Centre Vesting of residuary powers in the Centre Appointment of state governors by the Centre Advisory jurisdiction of the Supreme Court 3.

893. (A) 2 years 11 months and 18 days — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

898. (A) the Legislative Assembly — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

899. (C) 1, 2 and 4 only — In the post-73rd Amendment era, there has to be decentralization of decision-making powers, system as a whole, administrative powers, etc.

896. (D) More than one of the above — The potential seating capacity of the Rajya Sabha is 245 (233 elected, 12 appointed), according to article 80 of the Indian Constitution. Members sit for staggered terms lasting six years, with about a third of the 238 designates up for election every two years, in evennumbered years.

४६७. (D) More than one of the above — The scope of powers of Supreme Court to hear and decide cases is called its jurisdiction. The Supreme Court has three types of jurisdictions namely original, appellate and advisory. Original jurisdiction: There are certain cases which fall within the exclusive jurisdiction of the Supreme Court.

४६८. (B) 21 years — Compulsory provisions of the Act Constitution of Gram Sabha in a village or a group of villages. Establishment of panchayat at village, intermediate and district.

४६९. (B) 4% in rural and 6.5% in urban areas — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

४७०. (C) Purnia — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

४७१. (B) 1062, 1090 — According to the National Family Survey-5 released by the Union Ministry of Health and Family Welfare on November 24, 2021, there has been a significant improvement in the sex ratio of Bihar.

४७२. (A) 2.5% — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

४७३. (D) More than one of the above — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

४७४. (B) 1, 2 and 3 — the objectives of the SEZ Act, 2005 include: 1. Generation of additional economic activity 2. Promotion of exports of goods and services 3.

४७५. (D) More than one of the above — the policy measure adopted by the Government of India to improve the system of agricultural marketing are: Public Distribution System (PDS), Minimum Support Price (MSP), Maintenance of Buffer Stock

४७६. (C) S. V. S. Raghavan Committee — Raghavan Committee suggested the enactment of the Competition Act, 2002. SVS Raghavan ['Raghavan Committee'] to advise a modern competition law for the country in line with international developments and to suggest legislative framework, which may entail a new law or suitable amendments in the MRTP Act, 1969. The Raghavan Committee presented its report to the Government in May 2000.

४७७. (B) 4 1 3 2 — Black Related with Petroleum Revolution Production Blue Related with Fish Production Revolution Brown Related with Leather, Cocoa Revolution Golden Related with Jute Production Fibre Revolution Golden Related with Overall Revolution Horticulture, Honey, Fruit Production Green Related with Agriculture Revolution Production Grey Related with Fertilizers Revolution Pink Related with Onions, Prawn Revolution Red Related with Meat, Tomato Revolution Production Evergreen Intended for overall Revolution agriculture production growth Round.

४७८. (D) More than one of the above — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

४७९. (B) Karnataka — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

४८०. (C) Union Budget, 1992-1993 — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

४८१. (E) None of the above — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

४८२. (B) NSSO — The National Sample Survey Office (NSSO) merged with the Central Statistical Office (CSO) to form the National Statistical Office (NSO). On 23rd May 2019, the Government of India has approved the merger of NSSO and CSO.

४८३. (A) (-) 11.98 USD billion — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

४८४. (E) None of the above — salt was chosen to symbolize the start of the civil disobedience movement because salt was deemed as something on which each Indian had the basic right. As a consequence of the No Tax Campaign, payment of chowkidari tax was refused.

- ४८५. (C) For the release of political prisoners** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ४८६. (B) Batak Mian** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ४८७. (B) Swami Vidyanand** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ४८८. (C) Partition of Bengal** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ४८९. (C) Dadabhai Naoroji** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ४९०. (C) Praja Mandal Movement** — Praja Mandal Movement was a part of the Indian independence struggle from the 1920s in which people living in the princely states, who were subject to the rule of local aristocrats rather than the British Raj, campaigned against the feudatory rulers, and sometimes also the British administration.
- ४९१. (A) Mahatma Gandhi was arrested in the year 1921.** — Mahatma Gandhi was arrested on 10 March 1922 at Sabarmati Ashram Ahmedabad for writing three articles in his newspaper Young India. He was sentenced to six years imprisonment.
- ४९२. (C) Al-Hilal** — AL hillal was a journal brought out by Abul Kalam Azad.
- ४९३. (D) More than one of the above** — the study of history help in creating a feeling of nationalism in India towards the end of the 19th century: By urging people to struggle and change the miserable conditions of life under the British rule, By reinterpreting history and refuting the British portrayal of Indians as backward, primitive and incapable of governing themselves, By writing about India's glorious past and urging the people to take pride in their achievement, etc.
- ४९४. (A) 1 and 2 only** — Thousands of students left government-controlled schools, headmasters and teachers resigned and lawyers gave up their practice.
- ४९५. (A) Baba Ram Chandra** — He was also an influential figure in the history of Fiji, and owed his inspiration to take up the cause of the down-trodden to his 12 years as an indentured labourer in Fiji and to his efforts to end the indenture system. He is one of the prime characters in Kamla Kant Tripathi's history based novel "Bedakhal".
- ४९६. (C) Mahatma Gandhi** — Harijan Sevak Sangh is a nonprofit organisation founded by Mahatma Gandhi in 1932 to eradicate untouchability in India, working for Harijan or Dalit people and upliftment of Depressed Class of India. It is headquartered at Kingsway Camp in Delhi, with branches in 26 states across India.
- ४९७. (A) June 1948** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ४९८. (B) Shri Krishna Singh** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ४९९. (B) Sher Khan** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ५००. (B) Dharmapala** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ५०१. (B) Sir James David Sifton** — Sir James David Sifton was a British civil servant who was the Governor of Bihar and Orissa from 7 April 1932 to 31 March 1936 and then Governor of Bihar from 1 April 1936 to 10 March 1937. He was the first Governor of Bihar after division of province from Orissa.
- ५०२. (A) Dr. Rajendra Prasad** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ५०३. (A) Padri Ki Haveli** — Padri-Ki-Haveli ("Mansion of Padre"), also known as the Visitation of the blessed Virgin Mary, is the oldest church in Bihar. He came from Kolkata to design the church.
- ५०४. (C) Bhagalpur** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

- ५०५. (A) Anarta** — Anarta is a Vedic period kingdom of ancient India described in the Mahabharata, roughly forming the northern Gujarat state of India. He built a fortress at Kusasthali (Dwaraka), which was later flooded by Varuna.
- ५०६. (E) None of the above** — Iron Age is the final epoch of the three-age division of the prehistory and protohistory of humanity. It was preceded by the Stone Age (Paleolithic, Mesolithic, Neolithic) and the Bronze Age. The concept has been mostly applied to Iron Age Europe and the Ancient Near East, but also, by analogy, to other parts of the Old World.
- ५०७. (C) (Rudradaman** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ५०८. (B) Gupta art** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ५०९. (C) Second Battle of Panipat-Tipu Sultan and Marathas** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ५१०. (A) village headman** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ५११. (B) Nizamuddin Ahmad** — Khwaja Nizam-ud-Din Ahmad Bakshi (also spelled as Nizam ad-Din Ahmad and Nizam al-Din Ahmad) was a Muslim historian of late medieval India. He was son of Muhammad Muqim-i- Harawi. He was Akbar's Mir Bakhshi.
- ५१२. (A) Krishnadevaraya** — Nagalapuram the temple town is built at the time of Krishnadevaraya of Vijayanagara Empire regime in memory of his mother Nagamamba Devi. therefore, it became Sri Nagalapuram.
- ५१३. (A) Sisters of the Apostolic Carmel** — The college is conducted by the Sisters of the Apostolic Carmel, an indigenous educational body founded in 1870, and thus has a wide and long experience. Patna Women's College was created in 1940 by Bishop B.J.
- ५१४. (A) Cyril Radcliffe** — Radcliffe was given the task of drawing the borders for the new nations of Pakistan and India in a way that would leave as many Sikhs and Hindus in India and Muslims in Pakistan as possible. He was given only 5 weeks to complete the job. Radcliffe submitted his partition map on 9 August 1947, which split apart Punjab and Bengal almost in half.
- ५१५. (C) Holt Mackenzie** — It was reviewed under Lord William Bentinck in 1833. This system was introduced in North- West Frontier, Agra, Central Province, Gangetic Valley, Punjab, etc.
- ५१६. (C) Pavnar, Maharashtra** — In Pavnar the leader of the Individual Satyagraha movement. Acharya Vinoba Bhave inaugurated the individual Satyagraha on 17th October 1940.
- ५१७. (A) Indian National Liberal Federation** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ५१८. (C) 2 only** — A Cabinet Mission came to India in 1946 in order to discuss the transfer of power from the British government to the Indian political leadership, with the aim of preserving India's unity and granting its independence. Formed at the initiative of Clement Attlee (the Prime Minister of the United Kingdom), the mission contained as its members, Lord Pethick-Lawrence (Secretary of State for India), Sir Stafford Cripps (President of the Board of Trade), and A.V. Alexander (First Lord of the Admiralty).
- ५१९. (A) Kadirabad, Darbhanga** — As many as 40,04 photovoltaic (PV) panels, each capable of generating 500-watt electricity, will be installed in a pond in Darbhanga's Kadirabad locality by Delhi based firm AVAADA.
- ५२०. (B) Sheohar** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ५२१. (A) 52 out of 100** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ५२२. (C) Track Cycling** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ५२३. (A) Mithila Makhana** — Mithila Makhana (botanical name: Euryale ferox Salisb.) is a special variety of aquatic fox nut cultivated in Mithila region of Bihar and Nepal. In Mithila, Makhana is also termed as Makhan.
- ५२४. (B) Astronomical Observatory at the Langat Singh College** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

424. (A) **25th** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
425. (A) **Bodh Gaya** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
426. (C) **Board of Control for Cricket in India** — According to the announcement made on both men and women cricketers will be paid 15 lakh for Tests, 6 lakh for oneday internationals and 3 lakh for 20-20 internationals.
427. (B) **11.3, 15.3** — The urbanization of the State has increased very rapidly in the last ten years. According to the 2011 Census, the level of urbanization in Bihar was just 11.3 percent, which has increased to 15.3 percent At that time.
428. (C) **Education Ministry** — The Ministry of Education, Department of Higher Education, today launched YUVA 2.0 - Prime Minister's Scheme for Mentoring Young Authors, an Author Mentorship programme to train young and budding authors (below 30 years of age) in order to promote reading, writing and book culture in the country, and project India and Indian writings globally.
429. (A) **More than one of the above** — The Ministry of Home Affairs has completed the Mother Tongue Survey of India (MTSI) in November 2022 with field videography of the country's 576 languages.
430. (C) **Kirit Parikh Committee** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
431. (C) **Bhopal** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
432. (C) **Itanagar** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
433. (B) **Himalayan yak** — The move is expected to help slow the decline of the highaltitude bovine animal population by incorporating it into the conventional milk and meat industries, according to an official at the National Research Centre (NRC) on Yak in Dirang, West Kameng district, Arunachal Pradesh. The 'food animal' tag will become official once it is notified in the gazette following approval by a competent authority.
434. (B) **Srinagar** — India's First Floating Financial Literacy Camp was conducted as part of the launch of the initiative called "Niveshak Didi" in Jammu and Kashmir's Srinagar. It was conducted among local residents around the famous Dal Lake in Srinagar.
435. (A) **Guwahati** — The President of India, Droupadi Murmu has inaugurated a supercomputer facility at the Indian Institute of Technology, Guwahati and launched several other projects during her maiden visit to Assam since assuming office. This supercomputer facility called "Param-Kamrupa", the facility will be able to conduct advanced research in various scientific fields. She also inaugurated a high-power active and passive component laboratory called SAMEER at the institute.
436. (A) **Sukhna Lake, Chandigarh** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
437. (C) **September** — In order to ensure community mobilization and bolster people's participation, every year, the month of September is celebrated as POSHAN Maah across the country.
438. (A) **Mengtian** — It is the second Laboratory Cabin Module launched, after Wentian, and the second module to extend the existing Tianhe core module of the station. It was launched into orbit from the Wenchang Spacecraft Launch Site on 31 October 2022.
439. (C) **Mauna Loa** — The largest subaerial volcano (as opposed to subaqueous volcanoes) in both mass and volume, Mauna Loa has historically been considered the largest volcano on Earth, dwarfed only by Tamu Massif.
440. (A) **Shehan Karunatilaka** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
441. (A) **Space and Sustainability** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

- 483. (B) Lawrence Livermore National Laboratory** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 488. (B) Permacrisis** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 484. (A) Spain** — The 2022 United Nations Climate Change Conference or Conference of the Parties of the UNFCCC, more commonly referred to as COP27, was the 27th United Nations Climate Change conference, held from November 6th until November 20th, 2022 in Sharm El Sheikh, Egypt.
- 486. (C) Japan** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 489. (A) JAXA** — EQUULEUS (EQUilibriUm Lunar-Earth point 6U Spacecraft) is a nanosatellite of the 6U CubeSat format that will measure the distribution of plasma that surrounds the Earth (plasma sphere) to help scientists understand the radiation environment in that region. It will also demonstrate low-thrust trajectory control techniques, such as multiple lunar flybys, within the Earth-Moon region using water steam as propellant.
- 482. (B) Optimus** — It was announced at the company's Artificial Intelligence Day event on August 19, 2021. It was launched in October 2022.
- 489. (C) More than one of the above** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 490. (C) Ammapali Railway Station** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 492. (D) More than one of the above** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 492. (A) Mohana and Lilajan rivers** — Phalgu, a sacred river flowing in Bihar, is formed by the confluence of Mohana and Lilajan river.
- 493. (B) Thakurganj** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 498. (B) Siwan < Kishanganj < Madhepura** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 494. (B) Cereal-based industry** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 496. (C) Kabul River** — It is separated from the watershed of the Helmand River by the Unai Pass. The Kabul River empties into the Indus River near Attock, Pakistan.
- 499. (B) Project Tiger** — The project aims at ensuring a viable population of the Bengal tiger in its natural habitats, protecting it from extinction, and preserving areas of biological importance as a natural heritage that represent the diversity of ecosystems across the tiger's range in the country.
- 492. (A) Its average height is 13 km.** — troposphere is the first and lowest layer of the atmosphere of the Earth, and contains 75% of the total mass of the planetary atmosphere, 99% of the total mass of water vapour and aerosols, and is where most weather phenomena occur. From the planetary surface of the Earth, the average height of the troposphere is 18 km (11 mi; 59,000 ft) in the tropics; 17 km (11 mi; 56,000 ft) in the middle latitudes; and 6 km (3.7 mi; 20,000 ft) in the high latitudes of the polar regions in winter.
- 499. (C) Gondwanaland** — Some 200 million years ago, Antarctica was joined to South America, Africa, India, and Australia in a single large continent called Gondwanaland. There was no ice sheet, and trees and large animals flourished.
- 490. (C) the North and South Poles** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

- 468. (B) Arunachal Pradesh, Nagaland, Manipur, Mizoram** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 469. (B) Gulf of Mannar Biosphere Reserve** — The Gulf of Mannar Marine National Park is a protected area of India consisting of 21 small islands (islets) and adjacent coral reefs in the Gulf of Mannar in the Indian Ocean. It lies 1 to 10 km away from the east coast of Tamil Nadu, India for 160 km between Thoothukudi (Tuticorin) and Dhanushkodi.
- 470. (D) More than one of the above** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 471. (C) 12 nautical miles (about 21.9 km)** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 472. (D) More than one of the above** — The coal occurrences in India are primarily distributed along the Modern-day river valleys i.e. Damodar Valley, Sone-Mahanadi Valley, Pench-Kanhan Valley.
- 473. (D) More than one of the above** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 474. (A) Mango showers** — Towards the close of summer, pre-monsoon showers are common, especially in Kerala, Karnataka and parts of Tamil Nadu in India. They help in the early ripening of mangoes and are therefore often referred to as "Mango showers".
- 475. (A) long-wave terrestrial radiation** — The atmosphere of the earth is heated by radiation which is primarily by the radiation from the sun. The atmosphere is primarily heated by the long-wave terrestrial radiation. The solar radiation heats the surface of the land.
- 476. (A) 3 Only** — The option 3rd is the correct. Babur established the Timurid dynasty in India. Babur was the descendant of Timurid dynasty or clan of Turco-Mongol lineage, descended from the warlord Timur and led to the establishment of Timurid dynasty in the region.
- 477. (A) Surat** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 478. (B) in the Maratha administration** — Ashta Pradhan was the name given to the eight ministers/advisors of Shivaji.
- 479. (B) Ajanta** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 480. (D) None of the above** — Statements 1 & 2 are incorrect.
- 481. (D) 2 1 4 3** — The correct match between List 1 & 2 is a-2, b-1, c-4, d-3.
- 482. (B) Balban** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 483. (D) Northern India** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 484. (B) Both 1 and 2** — Both statements 1 & 2 are found in Wood's dispatch of 1854.
- 485. (B) Karnat dynasty** — Other options are wrong.
- 486. (D) Rajagriha** — Pataliputra later became capital of Magadh empire. Samrajya in Hindi means empire and is not a correct translation of kingdom.
- 487. (C) 1, 2 and 3** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 488. (C) 1, 2, 3 and 4** — All four statements correctly describe Lord Mayo's Resolution of 1870.
- 489. (B) Kamandaka** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 490. (C) Ishwardas Nagar** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- 491. (B) Samudragupta** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

464. (B) **Buddhism** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
465. (B) **A type of embroidery** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
466. (A) **1 and 2** — Vikramshila University is located in Bhagalpur and not in Banka district. It was set up by Pala dynasty and not by Gopala I.
467. (D) **1 and 4** — Serial no. 1 & 4 are in Bihar. No. 2 is in UP and No. 3 is in Rajasthan.
468. (D) **All of the above** — Gangetic River Dolphin (also recognized as India's National Aquatic Animal) has been categorized as 'endangered animal in the IUCN's Red List. It is blind as it does not have a crystalline eye lens. Further, navigation and hunting are carried out by using echolocation.
469. (B) **Narayani** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
470. (C) **Jamui** — Previously it was found in Munger district which included Jamui.
471. (B) **Gandak** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
472. (D) **Both A and R are true and R is the correct explanation of A** — Option 'A' is supported by then-latest knowledge in geology.
473. (D) **3 4 1 2** — Only this option provides correct watch of rock systems with their descriptions.
474. (D) **Gulf of Mannar Biosphere Reserve** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
475. (D) **6:00 p.m.** — The earth rotates 1° Longitude in 4 minutes. therefore, it will rotate 90° in 6 hours.
476. (A) **Mica is found in Koderma.** — Dharwar Rocks and Aravalli hills belong to Archean period in which gas or oil is not found Cuddapah series is not widely noted for diamonds. Diamond is found in Panna and Golkunda which are not part of Cuddapah.
477. (A) **30 m** — The Kosi plain is in Bihar. It is a triangular plain with apex at Birpur (54M) on Nepal border. The base from Khagaria (36M) to Kursela (25M) runs parallel to river Ganga.
478. (B) **Surajpur** — Tropic of Cancer is 23.5° N and Indian standard date line is 82.5° E. They intersect in Surajpur. Bundelkhand is north of the Tropic and Malwa is west of the dateline.
479. (A) **Almora** — All other options have one border along Tibet.
480. (C) **The Pacific Ocean** — El Nino current flow is confined to Pacific ocean area and along Peru coast in Eastern Pacific even though its effect is wide spread including India. therefore, the correct answer is option (c).
481. (C) **1 and 3** — Lake Victoria is one of the great lakes of Africa and the only outflow is through river Nile. But statements 1 and 3 are wrong. It is the 2nd largest, not 3rd largest fresh water lake.
482. (C) **Neither 1 nor 2** — Heat wave is considered at 40° in Plains and 30° in Hilly regions. therefore, both options (1) & (2) are wrong.
483. (D) **3 4 2 1** — Only this option matches List I with List II.
484. (D) **Abu Dhabi, Dubai, Sharjah, Ajman, Umm Al-Quwain, Fujairah, Ras Al-Khaimah** — Only this option lists all emirates of UAE correctly.
485. (C) **Nagri** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
486. (D) **All of the above** — All four statements correctly apply to Scheduled Tribes.
487. (A) **United States of America** — The idea of Fundamental Rights have been taken from U.S.A.
488. (B) **Article 17** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

- ৬১০. (D) The President** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ৬১১. (B) Scheduled Tribes** — The fifth schedule of the Indian Constitution deals with the Scheduled tribe.
- ৬১২. (B) Kesavananda Bharati vs. State of Kerala** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ৬১৩. (D) 1 3 4 2** — The communist party of India was created in 1925. The Communist Party of India (Marxist) was created in 1964. The Bahujan Samaj Party was created in 1984.
- ৬১৪. (C) Article 120 (1)** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ৬১৫. (C) 1 and 3** — Parliament has not passed any law and there is no mention of collegium in the constitution. Justice Bhagwati's judgement was in the 2nd judge case. therefore, only statements 1 and 3 are correct.
- ৬১৬. (B) 2 and 3** — According to 42nd Amendment, the Constitution of India added three words in the preamble and also empower the President of India to disqualify the member in consultation with the members of the State Legislature.
- ৬১৭. (B) Only 4** — Statement 1 is wrong as it says Bankruptcy instead of insolvency. Statement 2 is wrong as it says insolvency instead of Bankruptcy. Statement 3 says opposite of the correct definition.
- ৬১৮. (C) 2 and 3** — Statement 1 & 4 are correct explanations of PLI scheme.
- ৬১৯. (A) 1 and 3** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ৬২০. (C) Only 1, 3 and 4** — According to Article 360 (4) (a) (i) (ii) and 360 (4) (b), statements 1, 3 and 4 are correct respectively.
- ৬২১. (C) 1, 2, 3 and 4** — All four statements correctly describe the elements of stagflation.
- ৬২২. (C) Only 4** — The question asked for the "Trend" of FDI according to Economic Survey 2022-23. Statement 2 can be seen on page no.271 para 9.16 which says "Notwithstanding an overall drop in FDI in the first half of FY-23, in flow have stayed above the pre-pandemic level....." Here, the trend is "falling". though it is still above the pre-pandemic levels. therefore, the statement 1, 2 & 3 are incorrect and only statement 4 is correct.
- ৬২৩. (C) The expenditure is on interest payments.** — Interest payment is a non-plan expenditure.
- ৬২৪. (B) It has made foreign capital investment difficult.** — The statement in option (b) is incorrect. In fact, globalization has improved mobility of capital, has increased per capital income.
- ৬২৫. (C) Only 1** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ৬২৬. (D) All of the above** — The Reserve Tranche Position was introduced in FER of RBI in 2002- 2003. therefore, all four statements are correct.
- ৬২৭. (D) All of the above** — All the four statements are true regarding rules of Origin.
- ৬২৮. (B) Only 2 and 3** — Statement 1 is wrong as it mentions 10000 instead of 1000. Statement 4 is wrong as it says Uttar Pradesh instead of Madhya Pradesh.
- ৬২৯. (C) Only 4** — Statement 4 is inclusive of statement 1,2 & 3.
- ৬৩০. (B) Swami Sahajanand Saraswati** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ৬৩১. (A) 2-4-1-3** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ৬৩২. (C) The Ilbert Bill** — It was proposed during the tenure of Lord Ripon.
- ৬৩৩. (D) The Treaty of Allahabad** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

६३४. (B) **Ahmedabad Strike** — Gandhi took recourse to a hunger strike for the first time during the Ahmedabad Mill Strike for mediation between mill-owners and striking employees.
६३५. (A) **Shri Krishna Singh** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
६३६. (B) **Instituted the Champaran Agrarian Committee** — During the Champaran movement, the British Govt. set up the Champaran Agrarian Committee to look into the grievances of the peasants.
६३७. (D) **2 1 3** — The correct match is a-2, b-1, c-3.
६३८. (B) **Karnataka** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
६३९. (A) **J. Andrew** — Andrew was not a member of the Cabinet Mission.
६४०. (B) **Lala Lajpat Rai** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
६४१. (A) **Karachi Session-1931** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
६४२. (C) **All of the above** — All statements are correct reasons for the failure of 1857 revolt.
६४३. (B) **Batak Mian** — Batak(h) Mian Ansari saved Gandhi's life when an attempt was made to poison him.
६४४. (A) **Suresh's land is more than Ramesh's** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
६४५. (C) **Snobbery: Shoes** — Snoberry is a fruit. Snoberry means Pride.
६४६. (C) **Neither 1 nor 2 follows the statement** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
६४७. (B) **W,C,G,J** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
६४८. (C) **5.34** — Let coordinate of N = (0, 0) Coordinate of N = (0, 4) $\square$ 1 1 $\square$ Coordinate of O = $\square$, $\square$ $\square$ 2 2 $\square$ $\square$ 1 1 $\square$ Coordinate of P = $\square$ -, - 2 $\square$ $\square$ 2 2 $\square$ therefore, by distance formula, we obtain = $(x - x)^2 + (y - y)^2$ 1 2 1 2 $\square$ 1 $\square$ 2 $\square$ 1 $\square$ $2 = \square 0 - \square + \square 4 + 2 - \square \square 2 \square \square 2 \square = 5.34$ km
६४९. (B) ***+x%** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
६५०. (C) **M and S travel in the same direction** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
६५१. (D) **All of the above** — 'Cobra' is a high-level, objectoriented programming language used for general programming purposes, 'Python' is a high-level general purpose programming language, 'Squirrel' is a programming language similar to 'Lua', but uses a 'C' like syntax and finally 'Java' is a popular programming language created in 1995 and is being used for mobile applications. therefore, all four options are computer languages, (D) is the correct option.
६५२. (C) **Generative Pre-Trained Transformer** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
६५३. (B) **4 and 7** — Tongue of human being has different types of papillae associated with taste buds and are responsible for detecting the tastes like - 1. Sweet, 2. Bitter, 3.
६५४. (C) **Only 1 and 2** — Anorexia is associated with 'Eating disorder', 2. Insomnia - Sleep disorder, 3. Dyspnoea- Shortness of breath and 4.
६५५. (A) **Rotating neutron stars** — Pulsars are neutron stars which rotate on their axis. The rotation creates the pulses. They may or may not be created by the supernovas.
६५६. (B) **Graphite** — Catalysts such as chromium, Iron or platinum may be used. Ref: Advances inorganic chemistry by cotton & Wilkinson, 2nd Ed, page

- ৬৭৭. (C) Kevlar** — The fibre produced has ten times greater tensile strength than steel.
- ৬৭৮. (B) Only 1** — Full form of HMX is high melting explosive. Its chemical composition has many variations.
- ৬৭৯. (C) Optimus** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ৬৮০. (D) A research and development undertaking that produced the first nuclear weapons** — 'The Manhattan Project has a top secret research and development undertaking, by USA, to make atomic bomb during World War II.
- ৬৮১. (A) at the centre of curvature** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ৬৮২. (C) converts light energy into electric energy** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ৬৮৩. (C) concentration of solution** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ৬৮৪. (D) By introducing live attenuated SARS-COV-2 virus** — Immune references can be stimulated in host by introducing live, attenuated pathogen, i.e. SARC- Cov-2 virus. Option 'C' is wrong because the statement made therein is unscientific.
- ৬৮৫. (D) None of the above** — A salt water is completely ionised in water. therefore, it is a good conductor of electricity. Orange and Lemon juice contain various salts and acids and are so good conductors of electricity.
- ৬৮৬. (D) James Watson and Francis Crick** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ৬৮৭. (B) have same velocity at any instant** — The Question does not give the parameters for height and time. Assuming that both objects are dropped at the same time from the same reasonable height, they will have "The same velocity at any instant" as they fall freely near the surface of the moon.
- ৬৮৮. (B) By placing the virus in a modified version of a different virus** — Vector vaccine means the introduction of viral gene into a harmless virus (adeno virus) i.e. Modified version of another virus, which is then introduced in the host body to stimulate immune response.
- ৬৮৯. (B) seafloor spreading** — New crust is formed when a crack develops in the middle of ocean floor and lava flow takes place. Research on reversal of magnetic poles has revealed sea floor spreading has occurred approx. 10 million year interval in the past.
- ৬৯০. (B) the theory of plate tectonics** — The system of ideas behind plate tectonics theory suggests that Earth's outer shell (lithosphere) is divided into several plates that collide over the earth's rocky inner layer above the soft core comment.
- ৬৯১. (D) Messenger Ribonucleic Acid** — mRNA stands for messenger Ribo Nucleic Acid and is the single stranded molecule that carries the instructions to make proteins. During pandemic mRNA is detected by RT-PCR for diagnosis of disease.
- ৬৯২. (B) dynamo** — This is done by rotating a coil or Armature within the magnetic field created by field coils.
- ৬৯৩. (B) a vector quantity** — Electric current is defined as surface integral of current density i.e.
- ৬৯৪. (B) Molecular targets** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ৬৯৫. (D) None of the above** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ৬৯৬. (B) central nervous system** — The Input and output nerves meet at several places, particularly in the spinal cord. They do not meet in the liver or the heart as they do not form part of nervous system.
- ৬৯৭. (C) 1, 2 and 3** — All statements are correct.

- ६७८. (D) 2 1 4 3** — A) Cassini Huygens matches with (2) (Saturn and its rings) because it is a space research mission by NASA, ESA & ISA to send space probe to study the planet Saturn & its system. (B) Juno matches with (1) (Jupiter) it is a mission, designed to improve our understanding of the Solar System's beginnings by revealing the origin and evolution of Jupiter. (C) Artemis matches with (4) (Human Space-Flight-Moon to Mars) because Artemis is a NASA mission that will land the 1st Woman and first Person of Color on the Moon using in movatue.
- ६७९. (B) 2 1 4 3** — The answer is option (b).
- ६८०. (A) Both 1 and 2** — Human being when acts as a primary host, develops the disease Taeniasis by Taeniasolium, Taeniasaginata and Taenia. Asiatica when acts as a secondary host, develops Neuro-cysticercosis.
- ६८१. (C) Titan** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ६८२. (A) 3 4 2 5 1** — Correctly matched is option (a).
- ६८३. (B) Athens** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ६८४. (C) 2 and 4** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ६८५. (D) Tamil Nadu** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ६८६. (D) Ntangki National Park** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ६८७. (D) USA** — Germany issued the statement in August 2022 U.S.A reiterated its position in July 2023 to say that Arunachal Pradesh is an integral part of India.
- ६८८. (C) Gold** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ६८९. (D) Grade 6** — All changes were made subsequently in different years.
- ६९०. (A) Australia** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ६९१. (B) New Zealand** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ६९२. (B) Russia** — Tillyardembiids are earwig-like insects. The specimens found in Russia were estimated to be around 280 million years old.
- ६९३. (B) Oceans** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ६९४. (B) Horse** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ६९५. (A) India Gate** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ६९६. (A) Ireland** — The concept of Directive Principles of State Policy was borrowed from the Irish Constitution. The makers of the Constitution of India were influenced by the Irish nationalist movement, particularly the Irish Home Rule Movement.
- ६९७. (B) Pound Sterling** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ६९८. (D) Off the coast of Goa** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ६९९. (A) Only 1 and 3** — Statement 1 and 3 are correct in context of G20 members.
- ७००. (B) Pavel Prigozhin** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ७०१. (B) the World Economic Forum** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.
- ७०२. (D) She reigned for 70 years and died at the age of 96 years.** — Queen Elizabeth II reigned for 70 years (1952-2022) and died at the age of 96 years (1926-2022).
- ७०३. (A) Path to Pride** — 2022 held in Gujarat.
- ७०४. (C) Myanmar** — This choice matches the fact asked in the question; the other alternatives do not fit the source key.

୭୦୫. (C) **2, 3 and 4** — White House is a symbol of American Democracy because the President of U.S.A is an essential part of American Constitution. The congress and senate meet at Capitol Hill, but they cannot function properly without the president, whose office is at White House.

୭୦୬. (B) **a billing mechanism for solar energy by consumers for the electricity they add to the grid** — Net Metering is an electricity billing mechanism for solar energy by consumers which is added to the grid.

୭୦୭. (D) **2 3 4 1** — Combination of Red and Blue form magenta and teal is the combination of blue, green and white.

अध्याय २ : Videha eLearning Quiz

१. मिथिलाक कर्नाट वंशीय राजा हरिसिंहदेवक शासनकाल में 'पंजी प्रबन्ध' (१३२६ ई.) क संस्थागत विकास भेल। एहि सन्दर्भ में निम्नलिखित कथनसभ पर विचार करू: १. एकर मुख्य उद्देश्य सगोत्र विवाह वर्जित करब ओ कुलक शुद्धता अक्षुण्ण रखब छल। २. एहि व्यवस्थाक अन्तर्गत 'पंजीकार' लोकनि वंशावलीक लिखित अभिलेख रखैत छलाह। उपर्युक्त में सँ कोन कथन सत्य अछि?

- (A) केवल १
- (B) केवल २
- (C) १ ओ २ दुनू
- (D) न त १, न त २

२. १८५७ कऽ क्रान्ति में बाबू कुँवर सिंहक गतिविधिसभक दमन करवाक लेल कोन ब्रिटिश अधिकारी कऽ मुख्य रूप सँ नियुक्त कएल गेल छल?

- (A) कैप्टन ली ग्रांड ओ विन्सेंट आयर
- (B) मेजर विलियम टेलर
- (C) सर कोलिन कैपबेल
- (D) जनरल नील

३. कोपेनक जलवायु वर्गीकरण (Koppen's Climate Classification) कऽ अनुसार, सम्पूर्ण उत्तरी बिहार ओ मिथिला क्षेत्र मुख्य रूप सँ कोन जलवायु प्रदेशक अन्तर्गत आबैत अछि?

- (A) Aw (उष्णकटिबंधीय सवाना)
- (B) Cwg (शुष्क शीत वाला मानसूनी प्रकार)
- (C) Bshw (अर्ध-शुष्क स्टेपी)
- (D) Amw (लघु शुष्क मानसूनी)

४. भारतीय संविधानक अनुच्छेद ३१७ कऽ प्रावधानक अनुसार, राज्य लोक सेवा आयोग (जेना- BPSC) कऽ अध्यक्ष अथवा कोनो सदस्य कऽ पद सँ हटाबय क अधिकार ककरा अछि?

- (A) सम्बन्धित राज्यक राज्यपाल कऽ
- (B) केवल भारतक राष्ट्रपति कऽ
- (C) उच्च न्यायालयक मुख्य न्यायाधीशक जाँच रिपोर्ट पर राज्यपाल कऽ
- (D) राज्य विधानमण्डलक विशेष बहुमत सँ पारित प्रस्ताव पर राज्यपाल कऽ

५. बिहार आर्थिक सर्वेक्षणक अनुसार राज्यक सकल घरेलू उत्पाद (GSDP) में संरचनात्मक बदलाव कऽ सन्दर्भ में कोन कथन सही अछि?

- (A) प्राथमिक क्षेत्रक हिस्सा तृतीयक क्षेत्र सँ बेसी भऽ गेल अछि।
- (B) तृतीयक (सेवा) क्षेत्रक योगदान में तीव्र वृद्धि भेल अछि, मुदा कार्यबलक सर्वाधिक बोझ अखनो प्राथमिक क्षेत्र पर अछि।
- (C) द्वितीयक (विनिर्माण) क्षेत्रक हिस्सा ४०% सँ पार भऽ गेल अछि।
- (D) कृषि क्षेत्रक विकास दर पूर्णतः स्थिर अछि।

६. हालहि में चर्चा में रहल 'CRISPR-Cas9' तकनीकक प्रयोग मुख्य रूप सँ कोन विधा में कएल जा रहल अछि?

- (A) गहन अंतरिक्ष संचार (Deep Space Communication)
- (B) जीनोम एडिटिंग (Genome Editing)
- (C) क्वांटम कंप्यूटिंग (Quantum Computing)
- (D) सॉलिड-स्टेट बैटरी निर्माण

७. मैथिली गद्यक प्राचीनतम उपलब्ध ग्रन्थ 'वर्ण रत्नाकर' (ज्योतिरीश्वर ठाकुर कृत) कऽ भाषाई ओ सांस्कृतिक विन्यासक सन्दर्भ में एकरा की मानल जाइत अछि?

- (A) एकटा विशुद्ध चम्पू काव्य
- (B) मध्यकालीन सांस्कृतिक शब्दकोश ओ गद्य-विश्वकोश (Encyclopedia)
- (C) केवल मैथिलीक व्याकरण ग्रन्थ
- (D) एकटा ऐतिहासिक यात्रा वृत्तान्त

८. ओलंपिक खेलक इतिहास में, 'सस्टेनेबिलिटी ओ कार्बन न्यूट्रलिटी' (Sustainability & Carbon Neutrality) कऽ लक्ष्य कऽ पूर्णतः संस्थागत करय वाला पहिल आधुनिक खेल आयोजन कोन मानल गेल?

- (A) टोक्यो २०२० ओलंपिक
- (B) पेरिस २०२४ ओलंपिक
- (C) लंदन २०१२ ओलंपिक
- (D) रियो २०१६ ओलंपिक

९. नीति आयोग द्वारा जारी 'बहुआयामी गरीबी सूचकांक' (Multidimensional Poverty Index - MPI) कऽ आकलन में कोन आयाम सम्मिलित नै कएल जाइत अछि?

- (A) स्वास्थ्य (Health)
- (B) शिक्षा (Education)
- (C) जीवन स्तर (Standard of Living)
- (D) प्रति व्यक्ति आय (Per Capita Income)

उत्तरमाला — अध्याय २ (उत्तर ओ व्याख्या / Answers & Explanations)

१. (C) १ ओ २ दुनू — हरिसिंहदेवक काल में पंजी प्रबन्धक विकास भेल जेकर उद्देश्य सगोत्र ओ निषिद्ध सम्बन्धक विवाह कऽ रोकि कुलक शुद्धता रखब छल। एकर लिखित लेखा-जोखा पंजीकार रखैत छलाह।

२. (A) कैप्टन ली ग्रांड ओ विन्सेंट आयर — शाहबाद (आरा) क्षेत्र में बाबू कुँवर सिंहक सैन्य बल कऽ विन्सेंट आयर ओ कैप्टन ली ग्रांडक नेतृत्व वाली ब्रिटिश सेना सँ कड़ा संघर्ष करवाक पड़ल छल।

३. (B) Cwg (शुष्क शीत वाला मानसूनी प्रकार) — कोपेनक वर्गीकरणक अनुसार गंगाक उत्तरी मैदान ओ मिथिला क्षेत्र 'Cwg' जलवायु क्षेत्र में अछि, कतय शीत ऋतु शुष्क ओ ग्रीष्म ऋतु में मानसून सँ वर्षा होइत अछि।

४. (B) केवल भारतक राष्ट्रपति कऽ — अनुच्छेद ३१७ कऽ अनुसार, यद्यपि राज्य लोक सेवा आयोगक अध्यक्ष ओ सदस्यक नियुक्ति राज्यपाल करैत छथि, मुदा हुनका पद सँ हटाबय क शक्ति केवल राष्ट्रपति कऽ अछि, जे उच्चतम न्यायालयक जाँचक बाद कएल जा सकैत अछि।

५. (B) तृतीयक (सेवा) क्षेत्रक योगदान में तीव्र वृद्धि भेल अछि, मुदा कार्यबलक सर्वाधिक बोझ अखनो प्राथमिक क्षेत्र पर अछि। — बिहारक अर्थव्यवस्था में संरचनात्मक विसंगति अछि: आय में तृतीयक (सेवा) क्षेत्रक हिस्सा सब सँ बेसी (६०% कऽ पास) अछि, मुदा रोजगार/आजीविकाक लेल जनसंख्याक सब सँ पैघ भाग अखनो कृषि ओ प्राथमिक क्षेत्र पर निर्भर अछि।

६. (B) जीनोम एडिटिंग (Genome Editing) — CRISPR-Cas9 एकटा मॉलिक्यूलर सिज़र (आणविक कतरनी) थिक, जेकर उपयोग डीएनए (DNA) अनुक्रम कऽ सटिक रूप सँ काटि कऽ जीनोम एडिटिंग करबा लेल कएल जाइत अछि।

७. (B) मध्यकालीन सांस्कृतिक शब्दकोश ओ गद्य-विश्वकोश (Encyclopedia) — १४म शताब्दीक 'वर्ण रत्नाकर' मैथिली गद्यक गद्य-विश्वकोश (Encyclopedia) थिक, जाहि में तत्कालीन समाज, चौंसठि कला, नगर, नायक, ओ वेशभूषाक विशद वर्णन अछि।

८. (B) पेरिस २०२४ ओलंपिक — पेरिस २०२४ ओलंपिक में कार्बन उत्सर्जन कऽ आधा करबाक ओ पर्यावरण अनुकूल (Green Olympics) मॉडल कऽ कड़ाई सँ लागू करबाक लक्ष्य राखल गेल छल।

९. (D) प्रति व्यक्ति आय (Per Capita Income) — नीति आयोगक MPI मुख्य रूप सँ ३ आयाम (स्वास्थ्य, शिक्षा आ जीवन स्तर) कऽ १२ संकेतकों पर आधारित होइत अछि। एहि में सीधे प्रति व्यक्ति आय कऽ शामिल नै कऽ कऽ पोषण, आवास, बैंक खाता आदिक आधार पर वंचना मापल जाइत अछि।