



1. World famous painting is found in which district of Bihar ?

- (A) Madhubani
- (B) Madhepura
- (C) Darbhanga
- (D) Samastipur

2. The Tribal Movement-Santhal (Rebellion) took place in

- (A) 1857-58
- (B) 1858-59
- (C) 1855-56
- (D) 1854

3. Steam methane reforming technique is used to obtain

- (A) Brown Hydrogen
- (B) Grey Hydrogen
- (C) Green Hydrogen
- (D) None of the above

4. The ratio of total deposits that a Commercial Banks must keep with Reserve Bank of India is called

- (A) Legal Reserve Ratio
- (B) Statutory Liquidity Ratio
- (C) Cash Reserve Ratio
- (D) Deposit Ratio

5. Tropic of Cancer is passes through which State ?

- (A) Bihar
- (B) Orissa
- (C) Uttar Pradesh
- (D) Meghalaya

6. Which of the following are matters on which a constitutional amendment is possible only with the ratification of the legislature of **not** less than one-half of the states ?

- 1. Election of the President.
- 2. Representation of States in Parliament.
- 3. Any of the lists in the 7<sup>th</sup> Schedule.
- 4. Abolition of the Legislative Council of a State.

Choose the correct answer.

- (A) 2, 3 and 4
- (B) 1, 2 and 4
- (C) 1, 3 and 4
- (D) 1, 2 and 3

7. Standard electrode potential of three metals A, B and C are respectively 0.5 V, -3 V and -1.2 V. Reducing power of these metals would be

- (A)  $A > C > B$
- (B)  $B > C > A$
- (C)  $C > B > A$
- (D) None of the above



8. At what time between 2 and 3 O'Clock will the hands of a clock be together ?

- (A)  $38\frac{2}{11}$  minutes past 2
- (B)  $38\frac{10}{11}$  minutes past 2
- (C)  $10\frac{10}{43}$  minutes past 2
- (D)  $10\frac{10}{11}$  minutes past 2

9. The term Zillillah was first used by

- (A) Alauddin Khilji
- (B) Akbar
- (C) Balban
- (D) Iltutmish

10. Which company became the first Indian company to cross the 200 billion USD market capitalization in 2023 ?

- (A) Infosys
- (B) HDFC Bank
- (C) TCS
- (D) Reliance Industries

11. In 1901 who has published the book 'Poverty and Un-British Rule in India' ?

- (A) Dadabhai Naoroji
- (B) S. N. Banerjee
- (C) R. C. Dutt
- (D) Phirozshah Mehta

12. Sour taste of vinegar is due to

- (A) Tartaric acid
- (B) Lactic acid
- (C) Citric acid
- (D) None of these

13. Which country hosted the 2022 Winter Olympics ?

- (A) China
- (B) South Korea
- (C) Canada
- (D) Japan

14. The Speaker of the Lok Sabha enjoys

- (A) The right to vote only in case of a tie
- (B) The right to vote like other members of the House
- (C) Two votes – one in ordinary course and the other in case of a tie
- (D) No right to vote



15. Which is the oldest mountain of South America continent ?

- (A) Pacaraima
- (B) Turmuc-Humuk
- (C) Andese Mountain
- (D) Brazil Mountain

16. Who among the following is the recipient of Bharat Ratna for 2024 ?

- (A) C. N. R. Rao
- (B) M. S. Swaminathan
- (C) Chandra Shekhar
- (D) Pranab Mukharjee

17. Which one of the following is electoral college for the President but **not** forum for his impeachment ?

- (A) State Legislative Councils
- (B) State Legislative Assemblies
- (C) Rajya Sabha
- (D) Lok Sabha

18. Who led the Champaran Satyagraha in 1917 ?

- (A) Jawaharlal Nehru
- (B) Subhas Chandra Bose
- (C) Sardar Patel
- (D) Mahatma Gandhi

19. Buds are typically found

- (A) Both at the base of leaves and tip of branches
- (B) At the tip of branches
- (C) At the base of leaves
- (D) None of the above



20. The Ishihara test is related with

- (A) Bone density
- (B) IQ
- (C) Colour blindness
- (D) Haemoglobin level

21. Where did the revolt of Birsa Munda take place ?

- (A) Champaran
- (B) Ballia
- (C) Ranchi
- (D) None of the above

22. Which Article of the Indian Constitution deals with the proclamation of Emergency ?

- (A) Article 360
- (B) Article 365
- (C) Article 356
- (D) Article 352



23. Which State has the longest boundary with Madhya Pradesh ?

- (A) Maharashtra
- (B) Andhra Pradesh
- (C) Uttar Pradesh
- (D) Rajasthan



24. Who is the Chairperson of GST Council ?

- (A) RBI Governor
- (B) Union Minister of Corporate Affairs
- (C) Chairman of Finance Commission
- (D) Union Finance Minister

25. Which among the following is a tool of Fiscal Policy ?



- (A) Taxes
- (B) Cash Reserve Ratio
- (C) Credit Ceiling
- (D) Bank Rate

26. 'Tarikh-i-Firuz Shahi' was written by

- (A) Shams Siraj Afif
- (B) Yahya Sarhindi
- (C) Minhaj Siraj
- (D) Isami

27. Which country hosted the 2023 World Economic forum meeting ?

- (A) Japan
- (B) Canada
- (C) Germany
- (D) Switzerland

28. Who became the President of Indian National Congress when Subhash Chandra Bose resigned in 1939 ?

- (A) Rajendra Prasad
- (B) Abul Kalam Azad
- (C) Jawahar Lal Nehru
- (D) More than one of the above



29. Reactance of a capacitor is

- (A) Directly proportional to frequency
- (B) Inversely proportional to sq. root of frequency
- (C) Inversely proportional to frequency
- (D) None of the above



30. Which country hosted the COP28 climate summit in 2023 ?

- (A) Italy
- (B) Brazil
- (C) United Kingdom
- (D) United Arab Emirates



31. Who was the first Muslim President of Indian National Congress ?

- (A) Hasrat Mohani
- (B) Badruddin Taiyabji
- (C) Maulana Azad
- (D) More than one of the above



32. Which of the following Acts converted Unicameral Legislature of Bihar into Bicameral : Bihar Legislative Assembly and Bihar Legislative Council ?

- (A) Government of India Act 1919
- (B) Government of India Act 1909
- (C) Government of India Act 1935
- (D) More than one of the above



33. Which pair of rivers cuts the Tropic of Cancer twice over Chhota Nagpur Plateau ?

- (A) South Koel - Damodar
- (B) Suwarnarekha - Damodar
- (C) North Koel - Damodar
- (D) North Koel - Suwarnarekha

34. The 60.2 percent share in GSDP of Bihar in 2019 - 20 was of

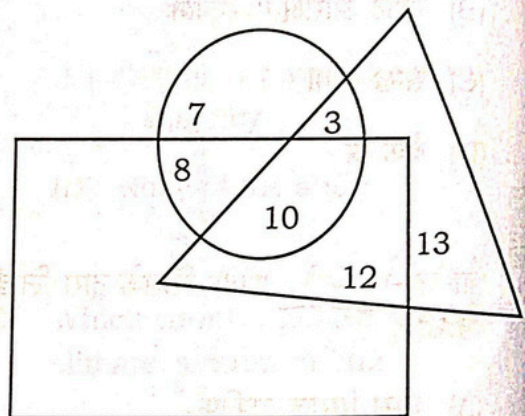
- (A) Service Sector
- (B) Manufacturing Sector
- (C) Industrial Sector
- (D) Agriculture Sector



35. A nail is nailed into the trunk of a tree at a point 1 m from the soil level. After 2 years the nail will

- (A) Remain at same position
- (B) Move sideways
- (C) Move up
- (D) None of the above

36. If triangle represents Men, rectangle represents Businessman and circle represents Millionaire, then which number represents Men that are both Businessman and Millionaire ?



- (A) 12
- (B) 13
- (C) 10
- (D) 3



37. In which district of Bihar, Maize production is maximum?

- (A) Muzaffarpur
- (B) East Champaran
- (C) Siwan
- (D) Saran

38. The person who has been President of India, Ambassador to USA, China, Turkey and Thailand alongwith vice chancellor to Jawahar Lal University. He is



- (A) Dr. S. Radha Krishnan
- (B) Dr. Shankar Dayal Sharma
- (C) K. R. Narayan
- (D) R. Venkatraman

39. Actual site of dark reaction in photosynthesis inside cytoplasm is



- (A) Granum
- (B) Grana Lamella
- (C) Stroma
- (D) None of the above

40. Catalyst used in hydrogenation of vegetable oil into vanaspati ghee is

- (A) Pd
- (B) Fe
- (C) Ni
- (D) None of the above

41. Match List - I of leaders with List - II of their territory and select answer from the code given below :



**List - I**

- a. Kunwar Singh
- b. Hazrat Mahal
- c. Khan Bahadur
- d. Maulvi Ahmadullah

**List - II**

- i. Faizabad
- ii. Bareilly
- iii. Jagdishpur
- iv. Lucknow

**Code :**

- |     | a                 | b  | c   | d   |
|-----|-------------------|----|-----|-----|
| (A) | iv                | i  | ii  | iii |
| (B) | ii                | i  | iii | iv  |
| (C) | iii               | iv | ii  | i   |
| (D) | None of the above |    |     |     |

42. Which of the following is **not** an electrophile?

- (A)  $\text{Na}^+$
- (B)  $\text{BF}_3^-$
- (C)  $\text{H}^+$
- (D) All of the above



43.

The primary function of the Finance Commission in India is to

- (A) Distribution of revenue between the Centre and the States
- (B) Allocate funds to various ministries of the Union and State Governments
- (C) Advise the President on financial matters
- (D) Prepare the annual budget

44. Which longitude separates Canada and Alaska ?

- (A)  $131^{\circ}$  W
- (B)  $161^{\circ}$  W
- (C)  $151^{\circ}$  W
- (D)  $141^{\circ}$  W

45. Which of the following Constitutional Amendment in India has decided the maximum strength of the Council of Minister with Chief Minister in a State ?

- (A) 91<sup>st</sup> Constitutional Amendment
- (B) 86<sup>th</sup> Constitutional Amendment
- (C) 81<sup>st</sup> Constitutional Amendment
- (D) None of the above Amendment

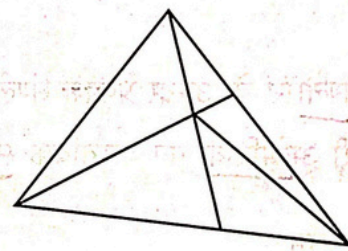
46. The conductivity of a strong electrolyte

- (A) Decreases on dilution
- (B) Does not changes with dilution
- (C) Increases slightly on dilution
- (D) None of the above

47. What is Infant Mortality rate ?

- (A) proportion of children that die before the age of 3 years as a proportion of 1000 live children born in that particular year
- (B) proportion of children that die before the age of 4 years as a proportion of 1000 live children born in that particular year
- (C) proportion of children that die before the age of 2 years as a proportion of 1000 live children born in that particular year
- (D) proportion of children that die before the age of 1 year as a proportion of 1000 live children born in that particular year

48. How many triangles are there in the following figure ?



- (A) 12
- (B) 14
- (C) 10
- (D) 8



49. Chitrakoot temple is located in which State of India ?

- (A) Chhattisgarh
- (B) Orissa
- (C) Madhya Pradesh
- (D) Uttar Pradesh

50. Which portfolio did Dr. Rajendra Prasad hold during the interim government of 1946 ?

- (A) Defense
- (B) Home
- (C) Food and agriculture
- (D) None of the above

51. Which of the following country is **not** a member of G7 ?

- (A) Italy
- (B) USA
- (C) France
- (D) Russia



52. For two liquids A and B to form an ideal solution

- (A) Entropy of mixing must be zero
- (B) Free energy of mixing should be zero
- (C) Enthalpy of mixing should be zero
- (D) None of the above

53. The oldest civilization in the world is

- (A) Indus valley
- (B) Chinese
- (C) Egyptian
- (D) Mesopotamia (Iraq)

54. Who first described the Revolt of 1857 as the 'First Indian War of Independence' ?

- (A) V. D. Savarkar
- (B) Bal Gangadhar Tilak
- (C) R. C. Majumdar
- (D) None of the above

55. Which river is known as the 'Sorrow of Bihar' ?

- (A) Son
- (B) Gandak
- (C) Kosi
- (D) Ganga

56. In which district of Bihar, Lichi production is maximum ?

- (A) Siwan
- (B) Sonpur
- (C) Muzaffarpur
- (D) Chhapara





57.



Which of the following is the playground of Europe ?

- (A) Germany
- (B) Switzerland
- (C) Italy
- (D) France

58. Fort William College at Calcutta was established in

- (A) 1802 CE for historical research in Indian languages
- (B) 1802 CE to understand Indian culture and tradition
- (C) 1800 CE to train Indian civil servants
- (D) 1800 CE to train civil servants in Indian languages

59. Who was the founder of the Maurya Empire ?



- (A) Bindusara
- (B) Brihadratha
- (C) Ashoka
- (D) Chandragupta Maurya

60. Liver stores

- (A) A, B, C and D vitamins
- (B) Only A and B vitamins
- (C) A, B and C vitamins
- (D) None of these

61. Which Indian State topped the NITI Aayog's SDG India Index 2023 ?

- (A) Gujarat
- (B) Maharashtra
- (C) Tamil Nadu
- (D) Kerala

62. Which one of the following Schedules of the Constitution of India contains provisions regarding Anti-defection Act ?

- (A) Fifth Schedule
- (B) Second Schedule
- (C) Eighth Schedule
- (D) Tenth Schedule



63. Which is the mountain range along the Mediterranean Coast of Asia Minor ?

- (A) Kirther
- (B) Alburg
- (C) Taurus
- (D) Pontic



64. Which Viceroy decentralized the colonial economic structure in India ?

- (A) Mayo
- (B) Curzon
- (C) Ripon
- (D) More than one of the above

65. January 1, 2008 is Tuesday. What day of the week lies on January 1, 2009 ?

- (A) Thursday
- (B) Sunday
- (C) Wednesday
- (D) Monday

66. Which is the Scotland of North-East India ?

- (A) Arunachal Pradesh
- (B) Assam
- (C) Nagaland
- (D) Meghalaya

67. In April, 2020 the Bihar Education Department started the following program through DD Bihar

- (A) the telecast of e-content for class V-VI students
- (B) the telecast of e-content for class IX-X students
- (C) the telecast of Karsak-Chopra program for farmers
- (D) the telecast of a cultural program to save old culture of Bihar

68. Who is the author of the famous book 'Gulamgiri' ?

- (A) Jyotiba Phule
- (B) Ramaswami Naikar Periyar
- (C) B. R. Ambedkar
- (D) More than one of the above

69. Which of the following country is going to host 20<sup>th</sup> Asian games in 2026 ?

- (A) China
- (B) Indonesia
- (C) Japan
- (D) India



70. There is no atmosphere on the surface of the moon because

- (A) It is closer to Earth
- (B) Escape velocity of gas molecules is less than rms velocity
- (C) It revolves around Earth
- (D) It gets light from Sun



74. What should come in place of ? in the following series ?  
117, 98, 80, 64, ?, 42

- (A) 48
- (B) 46
- (C) 51
- (D) 55



71. Which State of India is called as the State of Minerals ?

- (A) Orissa
- (B) West Bengal
- (C) Bihar
- (D) Jharkhand



75. In India which of the following city has been declared as the first "City of Literature" by UNESCO ?

- (A) Jabalpur in M.P.
- (B) Kozhikode in Kerala
- (C) Kolkata in W.B.
- (D) Nasik in Maharashtra

72. Grey revolution is related to

- (A) Fisheries
- (B) Fertilizers
- (C) Oilseeds
- (D) Potatoes

76. Quinine is a common drug for malaria that is obtained from a plant. Which part of the plant yields this drug ?

- (A) Leaves
- (B) Root
- (C) Stem bark
- (D) None of the above

73. Average height of Kosi Plain from mean sea level is



- (A) 100 m
- (B) 30 m
- (C) 150 m
- (D) 300 m

77. Which Sector in India has benefitted the most from Globalization ?

- (A) Services
- (B) All Sectors have benefitted equally
- (C) Manufacturing
- (D) Agriculture



78. Turmeric powder is obtained from which part of turmeric plant ?

- (A) Dried foot
- (B) Dried root
- (C) Seed
- (D) None of the above

79. When was the Patna College established ?

- (A) 1865
- (B) 1863
- (C) 1861
- (D) None of the above

80. How is Hydrogen stored physically ?

- (A) In form of hydrides
- (B) In form of water
- (C) By compressing hydrogen gas
- (D) None of the above

81. As the diameter of objective lens of a telescope increases, the resolution of telescope



- (A) Remains same
- (B) Depends on focal length of lens
- (C) Increases
- (D) Decreases

82. Which Indian State has the highest literacy rate as per the 2023 census ?



- (A) Himachal Pradesh
- (B) Goa
- (C) Mizoram
- (D) Kerala

83. Compared to a burn due to air at  $100^{\circ}\text{C}$ , the burn due to steam at  $100^{\circ}\text{C}$  is

- (A) Less dangerous due to high latent heat of evaporation
- (B) More dangerous due to high latent heat of evaporation
- (C) Less dangerous due to low latent heat of evaporation
- (D) More dangerous due to low latent heat of evaporation



84. Which of the following is **not** the famous centre for Buddhist Learning in Ancient India ?

- (A) Nagpur
- (B) Valabhi
- (C) Vikramshila
- (D) Nalanda



85. There are 15 chairs in a row. Position of P is at the middle, and Q is at 12<sup>th</sup> position counting from the right. How many chairs are there between P and Q?

- (A) 4
- (B) 5
- (C) 3
- (D) 2



86. If C is brother of B, B is son of A, D is father of C and A is female, then A is

- (A) Sister of D
- (B) Husband of D
- (C) Wife of D
- (D) Mother of D

87. The Vernacular Press Act allowed

- (A) Confiscation of the assets of the newspaper if the newspapers published anything that was found objectionable
- (B) Confiscation of the printing press if the newspapers published anything that was not found to be objectionable
- (C) Confiscation of the printing press if the newspapers published anything that was found objectionable
- (D) More than one of the above

88. Average height of snow-line in Uttarakhand is

- (A) 6500 m
- (B) 7500 m
- (C) 5500 m
- (D) 4500 m

89. All India Trade Union Congress was formed in the year

- (A) 1920
- (B) 1919
- (C) 1918
- (D) More than one of the above

90. During the Delhi Sultanate, the designation 'Muqaddam or Chaudhuri' was used for

- (A) Village headmen
- (B) Village accountant
- (C) Revenue officials
- (D) None of the above

91. In which district of Bihar the following crop is produced highest?

- (A) Vaishali
- (B) Muzaffarpur
- (C) Patna
- (D) Madhubani



92.



Light weight bullet proof helmets and jackets use which of the following fibres for their production ?

- (A) Terylene
- (B) Nylon
- (C) Kevlar
- (D) None of the above

93. Choose the correct pair from the following options.

- (A) Fourth Five-Year Plan – Focus on Service
- (B) Fifth Five-Year Plan – Focus on Industry
- (C) Third-Year Plan – Focus on Globalisation
- (D) First Five-Year Plan – Focus on Agriculture

94. Which of the following is a function of Central Bank ?



- (A) Manage the Repo-rate
- (B) Lending to Commercial Bank
- (C) Bank facilities to Government
- (D) All of the above

95. Which of the following is **not** associated with Australia Continent ?

- (A) Eyr Lake
- (B) Nallarbar Plain
- (C) Salwin Mountain
- (D) Salvin Valley

96. The script written on Ashoka's Pillars is

- (A) Brahmi
- (B) Samaritan
- (C) Pali
- (D) Sanskrit

97. Who is the Prime Minister of Italy as of 2024 ?

- (A) Emma Bonino
- (B) Rosy Bindi
- (C) Laura Boldrini
- (D) Giorgia Meloni

98. When did Macaulay issue his famous minute on Indian Education ?

- (A) 12 February 1835
- (B) 12 February 1836
- (C) 02 February 1835
- (D) 01 February 1835



99. What is the unit of measure of magnetic field ?

- (A) Cobalt
- (B) Ampere
- (C) Ohm
- (D) Tesla

100. Which field game is most popular in the world ?

- (A) Hockey
- (B) Volleyball
- (C) Soccer (Football)
- (D) Cricket

101. What is the system of governance in the Panchayat Raj set-up ?

- (A) Three tier structure of local self government at the village, block and district levels
- (B) Four tier system of local self government at the village, block, district and in the State levels
- (C) Two tier system of local self government at the village and block levels
- (D) Single tier structure of local self government at the village level

102. Which of the following is **not** associated with Chandragupta Maurya ?

- (A) Susima
- (B) Sanchi
- (C) Junagadh inscription of Rudradaman
- (D) Vishnugupta

103. In 33<sup>rd</sup> Olympic which game is **not** included ?

- (A) Triathlon
- (B) Modern Pentathlon
- (C) Fencing
- (D) Cricket



104. Which newspaper wrote the following about the possible future role of the Indian National Congress : '... is the nucleus of a future Parliament of our country ... and will lead to the growth of inconceivable magnitude for our countrymen' ?

- (A) The Indian Mirror
- (B) The New York Times
- (C) The Times of India
- (D) More than one of the above



105. Besides spreading Malaria, Anopheles mosquito's are also vectors of

- (A) Dengue and Filariasis
- (B) Dengue and Encephalitis
- (C) Encephalitis and Filariasis
- (D) None of the above

106. Choose the odd pair among the following options.



- (A) Gobi : Mongolia
- (B) Kalahari : America
- (C) Thar : India
- (D) Sahara : Africa

107. Who introduced the permanent settlement in Bengal ?



- (A) Holt Mackenzie
- (B) Lord Cornwallis
- (C) Warren Hastings
- (D) None of the above

108. Who threw harmless bombs in Central Legislative Assembly ?



- (A) Jatin Das
- (B) Batukeshwar Dutt
- (C) Bhagat Singh
- (D) More than one of the above

109. Blood group of an individual is determined by

- (A) Presence of Haemoglobin
- (B) Combination of WBC and RBC
- (C) Shape of RBC
- (D) None of the above

110. NNP at factor cost is equal to

- (A) GNP at factor cost - Net indirect tax
- (B) GNP at Market Price
- (C) Disposable Personal Income
- (D) National Income



111. Who was the President of the Indian National Congress at the Gaya Session of 1922 ?

- (A) Mahatma Gandhi
- (B) Hakim Ajmal Khan
- (C) Chittaranjan Das
- (D) None of the above





112. One of the properties associated with X-rays is that they can be deflected by



- (A) Both electric and magnetic fields together
- (B) Electric fields only
- (C) Magnetic fields only
- (D) None of the above

113. Amarkantak source place of Son river is situated at

- (A) Rajmahal hills
- (B) Mahadeo hills
- (C) Makalu range
- (D) Maikal range

114. The power of the Supreme Court of India to decide disputes between the Centre and the State falls under its



- (A) Appellate jurisdiction
- (B) Original jurisdiction
- (C) Advisory jurisdiction
- (D) Constitutional jurisdiction

115. Dalmatian Coast is

- (A) Intermontane
- (B) Foot-hills
- (C) Foot-hills of Karst
- (D) River depositional

116. Name the major city of the Indus valley civilization that had trade with West Asia.



- (A) Ropar
- (B) Lothal
- (C) Kalibangan
- (D) None of the above

117. Who was re-elected as the President of France in 2022 ?

- (A) Jean-Luc Mélenchon
- (B) Éric Zemmour
- (C) Marine Le Pen
- (D) Emmanuel Macron

118. The number of scientific payloads of Aditya L - 1 mission for systematic study of Sun is



- (A) 9
- (B) 6
- (C) 7
- (D) 5



119. Match List - I of social reformers with List - II of their societies and choose answer from the code given below :



**List - I**

**List - II**

- |                              |                           |
|------------------------------|---------------------------|
| a. Brahma Samaj              | i. Vishnu Shastri Pandit  |
| b. Ramkrishna Mission        | ii. Swami Vivekananda     |
| c. Servants of India Society | iii. Raja Rammohan Roy    |
| d. Vidhwa Vivah Samaj        | iv. Gopal Krishna Gokhale |

**Code :**

- |     |                   |          |          |          |
|-----|-------------------|----------|----------|----------|
|     | <b>a</b>          | <b>b</b> | <b>c</b> | <b>d</b> |
| (A) | iii               | i        | ii       | iv       |
| (B) | iii               | ii       | iv       | i        |
| (C) | iii               | ii       | i        | iv       |
| (D) | None of the above |          |          |          |

120. Legally stipulated maximum size beyond which no individual farmer can hold any land is



- (A) Land consolidation
- (B) Land ceiling
- (C) Abolition of intermediaries
- (D) Tenancy reforms

121. Minimum age for M.P. (Lower house) M.P. (Upper house) and President is

- (A) 25, 30 and 35
- (B) 25, 35 and 45
- (C) 25, 30 and 30
- (D) 25, 35 and 35



122. Which of the following is responsible for production of shadow ?

- (A) Polarisation
- (B) Rectilinear propagation of light
- (C) Diffraction
- (D) Interference



123. Bihar produces 71 percent of India's annual production of which of these fruits?

- (A) Pineapple
- (B) Orange
- (C) Lychee
- (D) Mango

124. When was the Bihar State formed ?

- (A) 1915
- (B) 1911
- (C) 1906
- (D) None of the above



125. Under which Article of the Indian Constitution the Annual Financial Statement (Budget) is necessary to be laid before the Parliament ?

- (A) Article 113
- (B) Article 114
- (C) Article 112
- (D) Article 111

126. Amid the distributaries of which river is situated Divi Island ?

- (A) Mahananda
- (B) Vimasadhara
- (C) Godavari
- (D) Krishna

127. CIRCLE is related to RICELC in the same way SQUARE is related to

- (A) UQSERA
- (B) UQSARE
- (C) ERAUQS
- (D) AREUQS

128. Which of the following seed is used in production of engineered diamonds ?

- (A) Moissanite
- (B) White sapphire
- (C) Graphite
- (D) Cubic Zirconia

129. In which city was the G20 Summit, 2023 held in India ?

- (A) Bangalore
- (B) Hyderabad
- (C) Mumbai
- (D) New Delhi

130. Match the List - I of authors with List - II of the books on 1857 and choose answers from the code given below :

List - I	List - II
a. V. D. Savarkar	i. The First War of Independence
b. S. N. Sen	ii. The Peasant and the Raj
c. Eric Stokes	iii. Civil Rebellion and in the Indian Mutinies
d. S.B. Chaudhuri	iv. Eighteen Fifty-Seven

Code :

- |     | a                 | b   | c  | d   |
|-----|-------------------|-----|----|-----|
| (A) | iv                | ii  | i  | iii |
| (B) | ii                | iii | i  | iv  |
| (C) | i                 | iv  | ii | iii |
| (D) | None of the above |     |    |     |

131. In which district of Bihar, wheat crop production is maximum ?

- (A) Jahanabad
- (B) Bhojpur
- (C) Rohtas
- (D) Patna



132. Who is the current Chairman of the Indian Space Research Organisation (ISRO) ?



- (A) G. Madhavan Nair
- (B) U. R. Rao
- (C) S. Somnath
- (D) K. Sivan

133. The expanded form of UPI is

- (A) Uninterrupted Payment Initiation
- (B) Uniform Payment Inception
- (C) Unified Payment Interface
- (D) United Payment Initiation

134. Which of the following State was **not**



annexed under Lord Dalhousie's Doctrine of Lapse ?

- (A) Nagpur
- (B) Jaipur
- (C) Sambhalpur
- (D) Satara

135. An electron of mass  $M$  kg and charge  $e$  coulomb travels from rest through a potential difference of  $V$  volts. The final energy in joules would be



- (A)  $eV$
- (B)  $\frac{eV}{M}$
- (C)  $\frac{e}{V}$
- (D)  $MeV$

136. The Parliament can make any law for the whole or any part of India for implementing International treaties

- (A) With the consent of all States
- (B) With the consent of the majority of States
- (C) With the consent of States concerned
- (D) Without the consent of any State

137. Who among the following is **not** associated with Azad Hind Fauz (INA) ?

- (A) S. A. Dange
- (B) Prem Singh Sehgal
- (C) Shahnawaz Khan
- (D) General Mohan Singh



138. Who won the Nobel Peace Prize in 2023 ?



- (A) Abiy Ahmed
- (B) Nadia Murad
- (C) Narges Mohammadi
- (D) Maria Ressa

139. Kashmir Valley is which type of Valley ?

- (A) Rift
- (B) Blind
- (C) Erosional
- (D) Tectonic

140. Raj travelled from a point X straight to Y at a distance of 80 metres. He turned right and walked 50 metres, then again turned right and walked 70 metres. Finally, he turned right and walked 50 metres. How far is he from the starting point ?



- (A) 30 metres
- (B) 45 metres
- (C) 20 metres
- (D) 10 metres

141. Match List - I of Pre-Congress organisations with List - II of their leaders and choose answer from the codes given below :

**List - I**                      **List - II**

- |                                  |                           |
|----------------------------------|---------------------------|
| a. Indian Association            | i. Dadabhai Naoroji       |
| b. Madras Mahajan Sabha          | ii. M. Viraraghavachariar |
| c. Bombay Presidency Association | iii. Justice Ranade       |
| d. Poona Sarvjanik Sabha         | iv. Surendranath Banerjee |



**Code :**

- |     | a                 | b  | c   | d   |
|-----|-------------------|----|-----|-----|
| (A) | ii                | i  | iii | iv  |
| (B) | iv                | ii | i   | iii |
| (C) | i                 | ii | iv  | iii |
| (D) | None of the above |    |     |     |

142. When antigens are introduced in the body through vaccination antibodies are produced to fight off infection

- (A) By both B and T cells
- (B) By only B cells
- (C) By only T cells
- (D) None of the above





143. Renewable Energy means
1. Electricity produced from solar
  2. Electricity produced from thermal plants
  3. Electricity produced from coal
  4. Electricity produced from wind

Choose the correct answer from the options given below :

- (A) 1 and 4 only  
(B) 1, 3 and 4 only  
(C) 1, 2 and 3 only  
(D) 1 and 3 only

144. The temple at Deogarh near Jhansi and the sculptures in the temple at Garhwa near Allahabad are important remains of

- (A) Rashtrakuta art  
(B) Gupta art  
(C) Maurya art  
(D) None of the above

145. Under the Government of India Act 1935, who was the first elected Chairman of Bihar Legislative Council ?

- (A) Rai Bahadur Satish Chandra  
(B) Rajiv Ranjan Sinha  
(C) Rajendra Prasad  
(D) More than one of the above

146. Name of first 3d printed humanoid robot in India is

- (A) Indro  
(B) Robcop  
(C) Mitra  
(D) Manav

147. A British Citizen staying in India can **not** claim right to

- (A) Freedom of religion  
(B) Protection of life and personal liberty  
(C) Freedom of trade and profession  
(D) Equality before law

148. Which is the oil refinery having maximum capacity in India ?

- (A) Barauni  
(B) Mathura  
(C) Trombay  
(D) Koyali

149. Which of the following Sufi Silsilah was founded in Bihar ?

- (A) Quaderia  
(B) Firdousia  
(C) Qalandhar  
(D) Kubriya

150. Which of the following vitamins are water soluble ?

- (A) Vitamin A  
(B) Vitamin D  
(C) Vitamin K  
(D) None of these