

1. In the following which is fundamental physical quantity?
  - (A) Force
  - (B) Velocity
  - (C) Electric current
  - (D) Work
  - (E) None of the above/More than one of the above
2. An example of longitudinal wave is
  - (A) radio wave
  - (B) sound wave
  - (C) X-ray
  - (D) gamma ray
  - (E) None of the above/More than one of the above
3. Dispersion of light is possible by
  - (A) prism
  - (B) convex lens
  - (C) concave lens
  - (D) simple mirror
  - (E) None of the above/More than one of the above
4. At which temperature, the Celsius and Fahrenheit scales coincide?
  - (A)  $0^{\circ}$
  - (B)  $10^{\circ}$
  - (C)  $-40^{\circ}$
  - (D)  $40^{\circ}$
  - (E) None of the above/More than one of the above
5. The power of lens is measured in
  - (A) watt
  - (B) ampere
  - (C) volt
  - (D) dioptre
  - (E) None of the above/More than one of the above
6. To diagnose the medical conditions, MRI technique is used. Which is not used in MRI?
  - (A) Magnetic field
  - (B) X-ray
  - (C) Radio wave
  - (D) Gamma ray
  - (E) None of the above/More than one of the above
7. When a sound wave goes from one medium to another, the quantity that remains unchanged is
  - (A) frequency
  - (B) amplitude
  - (C) wavelength
  - (D) speed
  - (E) None of the above/More than one of the above
8. Light-year is a unit of
  - (A) time
  - (B) distance
  - (C) speed
  - (D) force
  - (E) None of the above/More than one of the above

9. Which particle is free of charge?
- (A)  $\alpha$ -particle
  - (B) electron
  - (C) neutron
  - (D) proton
  - (E) None of the above/More than one of the above
10. 'Ohm-meter' is unit of
- (A) resistance
  - (B) conductance
  - (C) resistivity
  - (D) charge
  - (E) None of the above/More than one of the above
11. The chemical formula of sapphire (Ruby) is
- (A)  $Al_2O_3$
  - (B)  $Al_3O_2$
  - (C)  $N_2O$
  - (D)  $NO_2$
  - (E) None of the above/More than one of the above
12. The quality of petrol is expressed by
- (A) cetane number
  - (B) octane number
  - (C) butane number
  - (D) Reynolds number
  - (E) None of the above/More than one of the above
13. Which of the following has highest melting point?
- (A) Boron
  - (B) Iron
  - (C) Silicon
  - (D) Aluminium
  - (E) None of the above/More than one of the above
14. An example of antibiotic medicine is
- (A) aspirin
  - (B) paracetamol
  - (C) chloroquine
  - (D) penicillin
  - (E) None of the above/More than one of the above
15. The major component of CNG is
- (A)  $CO_2$
  - (B)  $N_2$
  - (C)  $H_2$
  - (D)  $CH_4$
  - (E) None of the above/More than one of the above
16. The component(s) of acid rain is/are
- (A)  $HNO_3$
  - (B)  $H_2SO_4$
  - (C)  $CO_2$
  - (D) Both (A) and (B)
  - (E) None of the above/More than one of the above

17. The chemical formula for heavy water is
- (A)  $H_2O$
  - (B)  $N_2O$
  - (C)  $D_2O$
  - (D)  $CuO$
  - (E) None of the above/More than one of the above
18. The pH value of water is
- (A) 4
  - (B) 7
  - (C) 12
  - (D) 18
  - (E) None of the above/More than one of the above
19. The Nobel Prize in Chemistry, 2019 was awarded for the development of
- (A) LED
  - (B) LCD
  - (C) Lithium-ion batteries
  - (D) MRI
  - (E) None of the above/More than one of the above
20. Natural rubber is a polymer of
- (A) isoprene
  - (B) vinyl acetate
  - (C) styrene
  - (D) propene
  - (E) None of the above/More than one of the above
21. The chemical used for destroying fungi in water tank is
- (A) nitric acid
  - (B) zinc sulphate
  - (C) magnesium sulphate
  - (D) copper sulphate
  - (E) None of the above/More than one of the above
22. Which of the following is not a component of chlorophyll?
- (A) Calcium
  - (B) Carbon
  - (C) Magnesium
  - (D) Hydrogen
  - (E) None of the above/More than one of the above
23. Water in plants is transported by
- (A) xylem
  - (B) epidermis
  - (C) phloem
  - (D) cambium
  - (E) None of the above/More than one of the above
24. During photosynthesis, green plants absorb
- (A) oxygen
  - (B) nitrogen
  - (C) carbon monoxide
  - (D) carbon dioxide
  - (E) None of the above/More than one of the above

25. Oxygen is absent in

- (A) glass
- (B) soil
- (C) cement
- (D) kerosene
- (E) None of the above/More than one of the above

26. The source of the enzyme 'lipase' is

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

27. BCG vaccine is used for the prevention of

- (A) smallpox
- (B) typhoid
- (C) tuberculosis
- (D) plague
- (E) None of the above/More than one of the above

28. Which hormone is produced by pancreas?

- (A) Thyroxine
- (B) Insulin
- (C) Galanin
- (D) Gastrin
- (E) None of the above/More than one of the above

29. Which among the following help in circulation of blood?

- (A) Lymphocytes
- (B) Monocytes
- (C) Erythrocytes
- (D) Blood platelets
- (E) None of the above/More than one of the above

30. Angora wool is extracted from

- (A) rabbit
- (B) fox
- (C) goat
- (D) sheep
- (E) None of the above/More than one of the above

31. Ancestral village of Kamala Harris is situated in which district of Tamil Nadu?
- (A) Dindigul
  - (B) Madurai
  - (C) Tiruvarur
  - (D) Theni
  - (E) None of the above/More than one of the above
32. Where is Salim Ali Bird Sanctuary located?
- (A) Goa
  - (B) Srinagar
  - (C) Odisha
  - (D) Maharashtra
  - (E) None of the above/More than one of the above
33. Which portal has been launched by the Ministry of Human Resource Development to improve the education system in India?
- (A) Ekta
  - (B) Shagun
  - (C) Shiksha
  - (D) Gyaan
  - (E) None of the above/More than one of the above
34. Rupsi Airport is situated in which State of India?
- (A) Arunachal Pradesh
  - (B) Assam
  - (C) Goa
  - (D) Port Blair
  - (E) None of the above/More than one of the above
35. Which State in India has enacted a law to make wearing of facial masks compulsory?
- (A) Rajasthan
  - (B) Bihar
  - (C) Delhi
  - (D) Maharashtra
  - (E) None of the above/More than one of the above
36. Beej Bachao Andolan (Save the Seed) was started in which State?
- (A) Bihar
  - (B) Uttarakhand
  - (C) Jharkhand
  - (D) Uttar Pradesh
  - (E) None of the above/More than one of the above
37. Prevention of cruelty to animals is listed in which List of the Indian Constitution?
- (A) Union List
  - (B) State List
  - (C) Concurrent List
  - (D) Preamble
  - (E) None of the above/More than one of the above
38. Khetri Mines situated in Rajasthan is famous for
- (A) copper
  - (B) iron
  - (C) diamond
  - (D) coal
  - (E) None of the above/More than one of the above

39. Who is the Chairman of Competition Commission of India?
- (A) Ajay Tyagi
  - (B) P. K. Joshi
  - (C) Ashok Kumar Gupta
  - (D) Ghanendra Kumar
  - (E) None of the above/More than one of the above

40. When is National Statistics Day celebrated in India?
- (A) 1st May
  - (B) 20th April
  - (C) 29th June
  - (D) 20th December
  - (E) None of the above/More than one of the above

41. Addu Atoll are situated in which ocean?
- (A) Atlantic Ocean
  - (B) Arctic Ocean
  - (C) Indian Ocean
  - (D) Pacific Ocean
  - (E) None of the above/More than one of the above

42. India has 'Free Movement Regime' with which country?
- (A) Myanmar
  - (B) Nepal
  - (C) Bhutan
  - (D) Bangladesh
  - (E) None of the above/More than one of the above

43. The first Informal Summit between India and China was held at
- (A) Delhi
  - (B) Wuhan
  - (C) Fujian
  - (D) Chennai
  - (E) None of the above/More than one of the above

44. Who amongst the following is not a Member of Regional Comprehensive Economic Partnership?
- (A) Australia
  - (B) Japan
  - (C) China
  - (D) Pakistan
  - (E) None of the above/More than one of the above

45. India holds 2+2 Meeting with which country?
- (A) Japan
  - (B) USA
  - (C) Australia
  - (D) All of the above
  - (E) None of the above/More than one of the above

46. What is Track 1.5 Diplomacy?
- Government Diplomacy
  - Non-Government Diplomacy
  - Government Diplomacy and non-Government Diplomacy
  - The United Nations Diplomacy
  - None of the above/More than one of the above
47. 'Mekong Ganga Cooperation' was launched in 2000 at
- Laos
  - Thailand
  - Cambodia
  - India
  - None of the above/More than one of the above
48. Which country has Sister-State Relationship with Ahmedabad?
- USA
  - UK
  - China
  - Japan
  - None of the above/More than one of the above
49. Who has become New Zealand's first Minister of Indian origin?
- Priyanka Radhakrishnan
  - Paramjit Parmar
  - Karnwaljit Bakshi
  - Lisa Singh
  - None of the above/More than one of the above
50. Who publishes the 'World Economic Output Index'?
- WTO
  - World Bank
  - IMF
  - UNDP
  - None of the above/More than one of the above
51. Nepal's first Transnational Petroleum Pipeline starts from which place in Bihar?
- Motihari
  - Raxaul
  - Joghari
  - Patna
  - None of the above/More than one of the above
52. First Integrated Checkpost in Bihar was set up in
- 2012
  - 2014
  - 2018
  - 2020
  - None of the above/More than one of the above
53. The Headquarters of International Boxing Federation is in
- New Mexico
  - New York
  - New Jersey
  - Ohio
  - None of the above/More than one of the above

54. Shane Watson has announced his retirement from all forms of cricket. He played for which of the following teams?

- (A) Kings XI Punjab
- (B) Chennai Superkings
- (C) Mumbai Indians
- (D) Royal Challengers Bangalore
- (E) None of the above/More than one of the above

55. India's first Dolphin Observatory is being built in

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

56. Bihar's first Ramsar Site is located in

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

57. Who are the Champions of FIDE's ever Online Chess Olympiad, 2020?

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

58. Who is the Winner of the Italian Grand Prix, 2020?

- (A) Lewis Hamilton
- (B) Pierre Gasly
- (C) Bottas
- (D) Hamilton
- (E) None of the above/More than one of the above

59. Who hosted the event called One More Thing?

- (A) Google
- (B) Intel
- (C) Microsoft
- (D) Apple
- (E) None of the above/More than one of the above

60. Who is the author of *I Am No Man*?

- (A) Anil Kapoor
- (B) Sonu Sood
- (C) Sonu Nigam
- (D) Sanjay Kapoor
- (E) None of the above/More than one of the above



61. The first Human Fossil was found from which River Valley of India?

- (A) Ganga Valley
- (B) Yamuna Valley
- (C) Narmada Valley
- (D) Tapti Valley
- (E) None of the above/More than one of the above

62. The first Empire was established by which ruler in India?

- (A) Chandragupta Maurya
- (B) Ashoka
- (C) Kanishka
- (D) Chandragupta II Vikramaditya
- (E) None of the above/More than one of the above

63. The oldest sculpture of Buddha is made in which style?

- (A) Gandhara Style
- (B) Mathura Style
- (C) Mauryan Style
- (D) Gupta Style
- (E) None of the above/More than one of the above

64. In which inscription, Kalinga Veda is mentioned?

- (A) Maski Inscription
- (B) Rudradaman Inscription
- (C) Junagarh Inscription
- (D) Hathigumpha Inscription
- (E) None of the above/More than one of the above

65. Who started Public Distribution System in Sultanate period?

- (A) Ala-ud-din Khalji
- (B) Sikandar Lodhi
- (C) Muhammad bin Tughluq
- (D) Firoz Shah Tughluq
- (E) None of the above/More than one of the above

66. Which famous war took place in 1519 AD?

- (A) Panipat I War
- (B) Panipat II War
- (C) Khanwa War
- (D) Talikota War
- (E) None of the above/More than one of the above

67. Who promulgated *Din-i-Jahid*?

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

68. 'Ashta Pradhan' was helping in Administration of which ruler?

- (A) Babur
- (B) Akbar
- (C) Aurangzeb
- (D) Shivaji
- (E) None of the above/More than one of the above

69. Who was the first Governor-General of India?

- (A) Lord Mayo
- (B) Lord Lytton
- (C) Lord Canning
- (D) Lord Dufferin
- (E) None of the above/More than one of the above

70. Who was the founder of Empire in India?

- (A) C. Sleeman
- (B) Lord Minto
- (C) Lord Clive
- (D) Lord Mayo
- (E) None of the above/More than of the above

71. Where from the Revolution of 1857 started first?

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

72. Who was the leader of Munda Revolt?

- (A) Siddhu
- (B) Birsa
- (C) Kanhu
- (D) Tilka Manjhi
- (E) None of the above/More than one of the above

73. Who established the 'Arya Samaj' ?
- (A) Ranade
  - (B) Dayanand
  - (C) Dayananda Saraswati
  - (D) Swami Vivekananda
  - (E) None of the above/More than one of the above

74. Who was to receive first Bharat Ratna?
- (A) Rajendra Prasad
  - (B) Jawaharlal Nehru
  - (C) Lal Bahadur Shastri
  - (D) S. Radhakrishnan
  - (E) None of the above/More than one of the above

75. Which city of Bihar is surrounded by five hills?
- (A) Gaya
  - (B) Patna
  - (C) Bhagalpur
  - (D) Bodh Gaya
  - (E) None of the above/More than one of the above

76. The first President of India Rajendra Prasad belonged to which State?
- (A) Bihar
  - (B) Haryana
  - (C) Delhi
  - (D) Uttar Pradesh
  - (E) None of the above/More than one of the above

77. The 16th Session of Bihari Students Conference was held at
- (A) Hazaribag
  - (B) Patna
  - (C) Ara
  - (D) Chhapra
  - (E) None of the above/More than one of the above

78. The oldest culture from Chirand in Bihar is
- (A) Palaeolithic culture
  - (B) Mesolithic culture
  - (C) Neolithic culture
  - (D) Chalcolithic culture
  - (E) None of the above/More than one of the above

79. Baba Thakur Das established which Society in Patna?
- (A) Servants of India Society
  - (B) Ramakrishna Mission Society
  - (C) Seva Samiti
  - (D) Social Service League
  - (E) None of the above/More than one of the above

80. Who was the first Governor of Bihar after Independence?
- (A) Jagannath Mishra
  - (B) Lalit Narayan Mishra
  - (C) Jairamdas Daulatram
  - (D) Jaiprakash Narayan
  - (E) None of the above/More than one of the above

81. Niagara Falls in North America is located between
- Lake Superior and Lake Michigan
  - Lake Michigan and Lake Huron
  - Lake Huron and Lake Ontario
  - Lake Ontario and Lake Erie
  - None of the above/More than one of the above
82. One of the following pairs is a mismatch. Find it.
- Masai—Central Eastern Africa
  - Sakai—Malaysia
  - Bedouin—Arabian Peninsula
  - Kirghiz—Central Asia
  - None of the above/More than one of the above
83. Which of the following is **not** a coalfield of Germany?
- Ruhr Valley
  - Lorraine Basin
  - Saar Basin
  - Achen Basin
  - None of the above/More than one of the above
84. Name the city of Russia that is known as 'Venice of North'.
- Vladivostok
  - St. Petersburg
  - Novosibirsk
  - Moscow
  - None of the above/More than one of the above
85. Pyrenees Mountain Ranges in Europe separate the countries
- Spain and France
  - Spain and Portugal
  - France and Germany
  - Germany and Switzerland
  - None of the above/More than one of the above
86. Chandra and Bhaga rivers in India flow through the region
- Spiti
  - Ladakh
  - Lahaul
  - Kargil
  - None of the above/More than one of the above
87. Rana Pratap Sagar Hydro-electric Project on Chambal River is located in the State of
- Madhya Pradesh
  - Rajasthan
  - Uttar Pradesh
  - Chhattisgarh
  - None of the above/More than one of the above
88. Bharmour tribal region is located in
- Sikkim
  - Himachal Pradesh
  - Uttarakhand
  - Ladakh
  - None of the above/More than one of the above

89. Jawaharlal Nehru Port is located in the State of

- (A) Goa
- (B) Gujarat
- (C) Andhra Pradesh
- (D) Maharashtra
- (E) None of the above/More than one of the above

90. Which State of India is the largest producer of copper?

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

91. Pahalgam in Kashmir is located on the bank of river

- (A) Shyok
- (B) Jhelum
- (C) Lidder
- (D) Chenab
- (E) None of the above/More than one of the above

92. Dandakaranya region lies in the State of

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

93. Which of the following is **not** a cow breed of Rajasthan?

- (A) Tharparkar
- (B) Rathi
- (C) Hallikar
- (D) Mewati
- (E) None of the above/More than one of the above

94. How many districts of Bihar had less than 10 lakhs population in 2011?

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

95. Which one of the following cereals has the highest per hectare yield in Bihar?

- (A) Rice
- (B) Wheat
- (C) Maize
- (D) Barley
- (E) None of the above/More than one of the above

96. Leading fish producer districts of Bihar are

- (A) Madhubani and East Champaran
- (B) Madhubani and Darbhanga
- (C) East Champaran and Darbhanga
- (D) East Champaran and Muzaffarpur
- (E) None of the above/More than one of the above

97. The top ranking pulses in terms of acreage in Bihar are

- (A) masoor and gram
- (B) moong and gram
- (C) moong and masoor
- (D) masoor and khesari
- (E) None of the above/More than one of the above

98. The leading sugarcane producing district of Bihar is

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

99. The largest canal irrigated area in Bihar lies in the district of

- (A) West Champaran
- (B) Aurangabad
- (C) Rohtas
- (D) Bhojpur
- (E) None of the above/More than one of the above

100. Name the districts of Bihar which had the lowest rural female literacy rate in 2001 and 2011 respectively?

- (A) Kishanganj and Madhepura
- (B) Supaul and Saharsa
- (C) Supaul and Madhepura
- (D) Kishanganj and Saharsa
- (E) None of the above/More than one of the above

101. Who was the Second Muslim President of the Indian National Congress?
- (A) Abul Kalam Azad
  - (B) Zakir Hussain
  - (C) Rahimtulla Mahomed Sayani
  - (D) Badruddin Tyabji
  - (E) None of the above/More than one of the above
102. The First Session of Constituent Assembly was held on
- (A) 9th December, 1946
  - (B) 15th August, 1947
  - (C) 26th November, 1949
  - (D) 26th January, 1946
  - (E) None of the above/More than one of the above
103. 'Electoral College' for the election of the President of India consists of
- (A) all the elected members of the Rajya Sabha
  - (B) all the elected members of the Lok Sabha
  - (C) all the members of the State Legislative Assemblies
  - (D) all the elected members of both the Houses of Parliament and elected members of the State Legislative Assemblies
  - (E) None of the above/More than one of the above

104. What constitutes the definition Money Bill under Article 110 of Indian Constitution?
- (A) The imposition, alteration in regulation of tax
  - (B) The regulation of borrowing money
  - (C) The appropriation of money of the consolidated fund of India
  - (D) Declaration of any expenditure to be charged on the consolidated fund of India
  - (E) None of the above/More than one of the above

105. Supreme Court's judgement of *Indira Sawhney vs. Union of India* Court related to which issue?
- (A) Regarding the issue of reservation in Government employment
  - (B) Basic Structure Theory
  - (C) Approve the reservation promotion of SC
  - (D) Extended reservations for ST
  - (E) None of the above/More than one of the above

106. To be recognized as National Party of India, a party must have secured at least how much percentage of votes in the previous election?
- (A) At least 10 percent of valid votes in four or more States
  - (B) At least 4 percent of valid votes in four or more States
  - (C) At least 15 percent of valid votes in two States
  - (D) At least 6 percent of valid votes in more than half of the States
  - (E) None of the above/More than one of the above

107. What is the object of 'Cut Motion'?

- (A) To put check on the policies of the Government
- (B) To stop the functioning of ruling party
- (C) To move a proposal to reduce expenditure in the Budget proposals
- (D) Rejection of complete financial dealings of the Government
- (E) None of the above/More than one of the above

108. Match List-I with List-II and select the correct answer using the codes given below the Lists :

List-I	List-II
a. Formation of Village Panchayat	1. Article 44
b. Uniform Civil Code	2. Article 48
c. Agriculture and Animal Husbandry	3. Article 50
d. Separation of Judiciary from Executive	4. Article 51
e. Promotion of International Peace	5. Article 40

Codes :

(A) a    b    c    d    e  
      3    4    2    1    5

(B) a    b    c    d    e  
      5    3    2    1    4

(C) a    b    c    d    e  
      2    3    5    4    1

(D) a    b    c    d    e  
      1    5    3    4    2

(E) None of the above/More than one of the above

109. Which of the following Constitutional Amendment Acts restricted the size of the Council of Ministers to 15 percent of the total members of the Lok Sabha?

- (A) 95th Constitutional Amendment Act, 2009
- (B) 93rd Constitutional Amendment Act, 2005
- (C) 91st Constitutional Amendment Act, 2003
- (D) 90th Constitutional Amendment Act, 2002
- (E) None of the above/More than one of the above

110. Match List-I with List-II and select the correct answer using the codes given below the Lists :

List-I (Panchayati Raj Committees)	List-II (Year)
a. C. H. Hanumantha Rao	1. 1985
b. G. V. K. Rao	2. 1986
c. Ashok Mehta	3. 1984
d. L. M. Singhvi	4. 1987
e. Balwant Rai Mehta	5. 1978

Codes :

(A) a    b    c    d    e  
      4    5    1    3    2

(B) a    b    c    d    e  
      2    4    1    3    5

(C) a    b    c    d    e  
      5    3    2    4    1

(D) a    b    c    d    e  
      3    1    5    2    4

(E) None of the above/More than one of the above



111. Which of the following is **not** a method to calculate the Gross Domestic Product (GDP)?
- Product method
  - Diminishing cost method
  - Income method
  - Expenditure method
  - None of the above/More than one of the above
112. Which of the following offices or institutes releases data of the national income in India?
- NSSO
  - NTI Aayog
  - CSO
  - Prime Minister's Office
  - None of the above/More than one of the above
113. Which one is **not** true about AYUSHMAN SAHAKAR Scheme?
- The Finance Ministry of India launched this scheme.
  - It is a scheme to assist cooperative in the creation of health infrastructure.
  - It specifically covers establishment, modernization, expansion, repairs, renovation of hospital and healthcare and education infrastructure.
  - It is formulated by the National Cooperative Development Corporation (NCDC).
  - None of the above/More than one of the above
114. In which budget, the Commodity Transaction Tax (CTT) was introduced in the Budget of India?
- 2013-14
  - 2012-13
  - 2014-15
  - 2017-18
  - None of the above/More than one of the above
115. Which one is correct in the ascending order of HDI 2019 ranking of the following countries?
- Brazil, India, South Africa, China
  - Brazil, China, South Africa, India
  - South Africa, China, India, Brazil
  - India, China, South Africa, Brazil
  - None of the above/More than one of the above
116. When was gender budgeting initiated in India?
- Union Budget, 2005-06
  - Union Budget, 2006-07
  - Union Budget, 2008-09
  - Union Budget, 2004-05
  - None of the above/More than one of the above
117. Which one is **not** the true statement about the PM Cares Fund?
- Any person appointed a trustee shall act in a pro bono capacity.
  - The fund consists entirely of voluntary contributions from individuals/organizations.
  - The primary objective of this is dealing with any kind of emergency or distress situation and to provide relief to the affected.
  - It does not get any budgetary support.
  - None of the above/More than one of the above

118. Choose the correct sequence of the States of India, according to ascending order of rice production in the year 2018-19.

(A) Punjab, Uttar Pradesh, Rajasthan, Haryana, Madhya Pradesh

(B) Uttar Pradesh, Punjab, Haryana, Madhya Pradesh, Rajasthan

(C) Rajasthan, Haryana, Madhya Pradesh, Punjab, Uttar Pradesh

(D) Punjab, Rajasthan, Haryana, Madhya Pradesh, Uttar Pradesh

(E) None of the above/More than one of the above

119. Lowering the cash reserve ratio, it will have the following impact on the economy :

I. Banks will have higher leverage to liquidity.

II. The economy may see increased investment.

III. Supply of currency in the economy may broaden.

IV. Real investment rate may decline.

Select the correct code :

(A) I only

(B) Both I and II

(C) I, II, III and IV

(D) II, III and IV

(E) None of the above/More than one of the above

120. According to the Reserve Bank of India, what was the total values of the Foreign Exchange Reserves of India in 2018-19?

(A) 493560 million US dollar

(B) 481078 million US dollar

(C) 477807 million US dollar

(D) 412871 million US dollar

(E) None of the above/More than one of the above

121. What is the share of Bihar in the divisible pool of Central Taxes on the recommendation of the 15th Finance Commission?

(A) 10.06% (B) 11.02%

(C) 13.02% (D) 15.03%

(E) None of the above/More than one of the above

122. What was the growth rate of Bihar economy at constant prices in the year 2018-19?

(A) 13.53% (B) 11.53%

(C) 12.53% (D) 10.53%

(E) None of the above/More than one of the above

123. The contribution of agricultural and allied sectors in the Gross State Value Added (GSVA) of Bihar State was \_\_\_\_\_ in the financial year 2017-18.

(A) 17 percent

(B) 18 percent

(C) 19 percent

(D) 20 percent

(E) None of the above/More than one of the above

124. What was the power capacity availability in the Bihar State in the year 2019?

(A) 4767 MW

(B) 4867 MW

(C) 5767 MW

(D) 5867 MW

(E) None of the above/More than one of the above

125. For what food grain production, Bihar got the Krishi Karman Award, 2017-18?

(A) Maize

(B) Rice

(C) Wheat

(D) Pulses

(E) None of the above/More than one of the above

126. In 1902, Lord Curzon appointed the University Commission including two Indian members. Who were they?
- (A) Bal Gangadhar Tilak and Surendranath Banerjee  
 (B) Gopal Krishna Gokhale and Rashbehari Bose  
 (C) Syed Hussain Bilgrami and Surendranath Banerjee  
 (D) Syed Hussain Bilgrami and Justice Gurudax Banerjee  
 (E) None of the above/More than one of the above
127. Kunwar Singh entered Jagdishpur on
- (A) 22 April, 1858  
 (B) 23 April, 1858  
 (C) 20 April, 1858  
 (D) 25 April, 1858  
 (E) None of the above/More than one of the above
128. Poona Sarvajanik Sabha was founded in
- (A) 1858 by Mahadev Govind Ranade  
 (B) 1870 by Mahadev Govind Ranade  
 (C) 1870 by Pandita Ramabai Ranade  
 (D) 1870 by Surendranath Banerjee  
 (E) None of the above/More than one of the above
129. How many Muslim delegates participated in the Second Convention of the Indian National Congress?
- (A) 2  
 (B) 33  
 (C) 30  
 (D) 41  
 (E) None of the above/More than one of the above
130. The Champaran Movement was basically against
- (A) land revenue  
 (B) cash crops  
 (C) agricultural policies of the British Government  
 (D) land grants  
 (E) None of the above/More than one of the above
131. In 1904, the Golden League was established at Deoghar with the objective of boycotting the British and advancing the Swadeshi Movement in
- (A) Bengal  
 (B) Avadh  
 (C) Punjab  
 (D) Bihar  
 (E) None of the above/More than one of the above
132. Which of the following was not objective of the Indian National Congress as pointed out by W. C. Banerjee in 1885?
- (A) To promote contact and friendship among the protectors of the interests of the country  
 (B) To promote the feeling of nationalism among fellow countrymen by removing the feeling of casteism, communalism and regional biases  
 (C) To express the viewpoint on the necessary social issues with due consent of the educated class  
 (D) To determine on which direction and on which basis the work has to be done in the coming years for the Indian public interest  
 (E) None of the above/More than one of the above

133. Who founded Abhinav Bharat society in 1906 in London?
- Vinayak Damodar Savarkar
  - Shyamji Krishna Varma
  - Sohan Singh
  - P. N. Bapat
  - None of the above/More than one of the above
134. All India Azad Dasta at Bakri ka Tapu was organized during the Quit India Movement by
- Ram Manohar Lohia
  - Usha Mehta
  - Chittu Pandey
  - Jayprakash Narayan
  - None of the above/More than one of the above
135. The *Bihar Herald* was started in 1872 by
- Munahi Surajmal
  - Rai Roshan Lal
  - Babu Guru Prasad Sen
  - Krishan Bhatt
  - None of the above/More than one of the above
136. The Muslim League started its annual convention on regular basis from
- 1916 AD
  - 1919 AD
  - 1924 AD
  - 1925 AD
  - None of the above/More than one of the above
137. Interim government under the leadership of Raja Mahendra Pratap Singh was founded in Kabul with the support of Germany during the
- Gadar Movement
  - Swadeshi Movement
  - Second World War
  - Home Rule Movement
  - None of the above/More than one of the above
138. The Tebhaga Movement was started in 1946 from Bengal under the leadership of
- Muslim League
  - Kisan Sabha
  - Indian National Congress
  - Trade Union
  - None of the above/More than one of the above
139. "So long as this third power, i.e., England is here, our communal differences would keep on troubling us." Who said this?
- Dr. Rajendra Prasad
  - Maulana Abul Kalam Azad
  - Jawaharlal Nehru
  - Vinayak Damodar Savarkar
  - None of the above/More than one of the above
140. The Congress Socialist Party was founded in 1934 by
- Jawaharlal Nehru and Vinoba Bhave
  - Jawaharlal Nehru and Jayprakash Narayan
  - Jayprakash Narayan and Acharya Narendra Dev
  - Ashok Mehta and Dr. Rajendra Prasad
  - None of the above/More than one of the above

141. Father is aged 3 times more than his son. After 8 years, he would be two and half times of his son's age. After further 7 years, how many times would he be of his son's age?

- (A)  $\frac{39}{15}$  (B)  $\frac{33}{15}$   
 (C)  $\frac{47}{33}$  (D)  $\frac{47}{28}$

(E) None of the above/More than one of the above

142. A started a business with ₹ 48,000. B joined him after few months with an amount of ₹ 36,000. If the profit at the end of the year was divided into the ratio 2 : 1, after how many months B joined the business?

- (A) 4 (B) 6  
 (C) 8 (D) 9

(E) None of the above/More than one of the above

143. The harmonic mean of the roots of the equation

$$(4 + \sqrt{5})x^2 - (2 + \sqrt{3})x + 6 + 3\sqrt{3} = 0$$

is

- (A) 4  
 (B) 2  
 (C) 8  
 (D) 6

(E) None of the above/More than one of the above

144. If the sum of the first 11 terms of an arithmetic progression equals that of the first 19 terms, then the sum of first 30 terms will be

- (A) 0 (B) -1  
 (C) 1 (D) 30

(E) None of the above/More than one of the above

145. Suppose  $n$  is an integer such that the sum of the digits of  $n$  is 2, and  $10^{10} < n < 10^{11}$ . The number of different values for  $n$  is

- (A) 20 (B) 11  
 (C) 9 (D) 8

(E) None of the above/More than one of the above

146. The number of units purchased by the persons X, Y and Z from three companies W, B and C are given in the following table with total cost and unit price :

Persons	No. of units purchased from			Total Cost
	W	B	C	
X	6	5	3	A
Y	7	9	5	1.5A
Z	8	11	7	1.75A
Unit Price	$n$	$p$	$r$	

What percent of total amount paid by X was paid for the units from company W?

- (A) 43 (B) 45  
 (C) 50 (D) 55

(E) None of the above/More than one of the above

147. A milkman mixes 30 liters of water with 70 liters of milk. After selling one fourth of this mixture, he adds water to replenish the quantity that he has sold. What is the current proportion of water to milk?

(A)  $\frac{9}{21}$  (B)  $\frac{19}{21}$

(C)  $\frac{7}{9}$  (D)  $\frac{19}{9}$

(E) None of the above/More than one of the above

148. In lock and key factory, one machine produces only locks at the rate of 100 locks per minute and needs to be cleaned for 5 minutes after production of every 1000 locks. Another machine produces only keys at the rate of 75 keys per minute and needs to be cleaned for 10 minutes after production of every 1500 keys. If both the machines start production at the same time, what is the minimum duration in minutes required for producing 9000 pairs of locks and keys?

(A) 180 (B) 170

(C) 135 (D) 130

(E) None of the above/More than one of the above

149. Let  $y = (\log_2 x)^2 - 6\log_2 x + 12$ ,  $x$  is positive number. Then the equation  $x^y = 256$  has

(A) no solution for  $x$

(B) exactly one solution for  $x$

(C) exactly two solutions for  $x$

(D) exactly three solutions for  $x$

(E) None of the above/More than one of the above

150. What will be the constant term in the expansion of  $\left(x + \frac{1}{x}\right)^9$ ?

(A) 20

(B) 15

(C) 7

(D) 6

(E) None of the above/More than one of the above