

## WEST BENGAL STATE HAJ COMMITTEE

## ADMISSION TEST FOR FREE RESIDENTIAL COACHING FOR WBCS EXAMINATION

10th APRIL, 2022  
11:30 A.M. to 02:00 P.M.

পরীক্ষা তত্ত্বাবধায়কের দস্তখত  
Sign. of the Invigilator

নাম :

NAME :

অ্যাপ্লিকেশন নং :

APPLICATION NO. :

রোল নং :

ROLL NO. :

পরীক্ষার্থীর পূর্ণ দস্তখত  
Full Signature of the Candidate

## পরীক্ষার্থীর প্রতি নির্দেশাবলী / INSTRUCTIONS TO THE CANDIDATE :

১. পরীক্ষার্থীকে মোট ২০০টি (১×২০০) প্রশ্নের সবকটির উত্তর দিতে হবে। মোট সময় ১৫০ মিনিট এবং পূর্ণমান ২০০। প্রতিটি প্রশ্নের মান সমান। প্রত্যেক ভুল উত্তরের জন্য  $\frac{1}{3}$  নম্বর কাটা যাবে।
২. প্রশ্নপুস্তিকাটি সীল করা আছে। সীলটি কেটে প্রশ্নপুস্তিকাটি খুলবেন।
৩. প্রশ্নপুস্তিকায় মোট ২৪ পৃষ্ঠা আছে। প্রশ্নপুস্তিকা খোলার নির্দেশ পাওয়ার পরই ভেতরের পাতা সব ঠিক ঠিক/পর পর আছে কি না দেখে নিন। কোথাও কোনো ভুল/ছেঁড়া/না-ছাপা পাতা ইত্যাদি থাকলে প্রথমেই সেটা পরীক্ষা-তত্ত্বাবধায়ককে জানান এবং প্রশ্নপুস্তিকা বদলে নিন।
৪. কোনো খসড়া কার্য করতে হলে প্রশ্নপুস্তিকার শেষে প্রদত্ত স্থানে তা করতে পারেন। পৃষ্ঠাটিকে প্রশ্নপুস্তিকা থেকে ছিঁড়ে ফেলে দেবেন না। কোনো অতিরিক্ত কাগজ দেওয়া হবে না।
৫. প্রশ্নপত্র এবং OMR পত্র উভয়ই পরীক্ষার শেষে পরীক্ষা-তত্ত্বাবধায়ককে ফেরৎ দিতে হবে।

1. The Candidate has to answer all 200 questions (1×200). Total time is 150 minutes and full marks is 200. All questions carry equal marks. For every wrong answer 1/3rd mark will be deducted.
2. This Question Booklet is sealed. The candidate has to cut the seal to open the question booklet.
3. The Question Booklet comprises 24 pages. After you have been instructed to open this question booklet, ensure that any page/question is not missing/not printed/torn/repeated. In case you find any defect anywhere in the question booklet, immediately get it replaced by the Invigilator.
4. You can use the blank space of the last page for rough work. Do not tear it off from the Question Booklet. No additional paper shall be provided.
5. The question booklet will be required to be returned back to the invigilator along with OMR Sheet.



**Find the synonym or word of correct meaning of the following words:**

1. At sea:
  - (A) Baffled
  - (B) Very happy
  - (C) Very excited
  - (D) Very sad

**Select the correct meaning of the idiom/phrase/group of words:**

2. Out of the question:
  - (A) possible
  - (B) probable
  - (C) irrelevant
  - (D) impossible

**Find the nearest meaning of the following words/group of words:**

3. 'Words inscribed on a tomb':
  - (A) Cenotaph
  - (B) Epitaph
  - (C) Epithet
  - (D) Epilogue

**Fill in the blank with appropriate preposition/word:**

4. The clouds of suspicion will clear \_\_\_\_\_ soon.
  - (A) up
  - (B) away
  - (C) off
  - (D) by

**Find the synonym or word of correct meaning of the following words:**

5. Contradict:
  - (A) Deny emphatically
  - (B) Request politely
  - (C) Contempt
  - (D) Talk abusively

**Select the correct meaning of the idiom/phrase/group of words:**

6. In his spirits:
  - (A) sorry
  - (B) unhappy
  - (C) cheerful
  - (D) afraid

**Find the nearest meaning of the following words/group of words:**

7. 'Substantial':
  - (A) Significant
  - (B) Large
  - (C) Voluminous
  - (D) Huge

**Choose the word opposite in meaning to the given word:**

8. Freedom:
  - (A) Liberty
  - (B) Bondage
  - (C) Subjugation
  - (D) Subordination

**Select the correct meaning of the idiom/phrase/group of words:**

9. On the horns of a dilemma:
  - (A) win-win situation
  - (B) critical situation
  - (C) troubled situation
  - (D) faced with a choice between equally undesirable things

**Find the nearest meaning of the following words/group of words:**

10. 'Prudent' means:
  - (A) Knowledgeable
  - (B) Judicious
  - (C) Foolish
  - (D) Greedy

**Please Turn Over**



From the given adjectives/nouns/verbs, pick the odd one out:

11. (A) Eloquent  
(B) Bitter  
(C) Lucid  
(D) Fluent

Fill in the blank with appropriate preposition/word:

12. He died \_\_\_\_\_ Covid disease.  
(A) from  
(B) for  
(C) by  
(D) of

Select the correct meaning of the idiom/phrase/group of words:

13. To bury the hatchet:  
(A) To dispute over small matters  
(B) To destroy  
(C) To make up a quarrel  
(D) To repair a thing

Find the synonym or word of correct meaning of the following words:

14. Onerous:  
(A) Amorous  
(B) Arduous  
(C) Effortless  
(D) Inflicting

Fill in the blank with appropriate preposition/word:

15. He prefers eating fish \_\_\_\_\_ meat.  
(A) than  
(B) to  
(C) more  
(D) less

Choose the word opposite in meaning to the given word:

16. Antiquated:  
(A) Progressive  
(B) Modern  
(C) Artificial  
(D) Precious

Find the nearest meaning of the following words/group of words:

17. 'Synopsis':  
(A) Report  
(B) Preview  
(C) Summary  
(D) Explanation

Find the nearest meaning of the following words/group of words:

18. 'Once in a blue moon':  
(A) Moonless night  
(B) An incident that happens rarely  
(C) An incident that happens frequently  
(D) Moonlit night

From the given adjectives/nouns/verbs, pick the odd one out:

19. (A) Humble  
(B) Angry  
(C) Polite  
(D) Gentle

Fill in the blank with appropriate preposition/word:

20. He had difficulty \_\_\_\_\_ selecting the best person.  
(A) at  
(B) for  
(C) in  
(D) on



**Choose the word opposite in meaning to the given word:**

21. Unscrupulous:

- (A) Conscientious
- (B) Ambitious
- (C) Dedicated
- (D) Attentive

**Find the nearest meaning of the following words/group of words:**

22. 'Imminent' means:

- (A) Certain
- (B) Unlawful
- (C) Immaterial
- (D) Impending

**Select the correct meaning of the idiom/phrase/group of words:**

23. Incapable of being seized:

- (A) conquerable
- (B) vincible
- (C) impregnable
- (D) incorrigible

**From the given adjectives/nouns/verbs, pick the odd one out:**

24. (A) Gloomy  
(B) Morose  
(C) Elated  
(D) Unhappy

**Find the nearest meaning of the following words/group of words:**

25. 'Raining cats and dogs':

- (A) Very heavy rain
- (B) A strange event
- (C) A false gossip
- (D) Something impossible

26. Who won the ICC Women's Cricketer of The Year award for 2021 ?

- (A) Meg Lanning
- (B) Anisa Mohammed
- (C) Smriti Mandhana
- (D) Mithali Raj

27. A and B invest in a business in the ratio 3 : 2. If 5% of the profit goes to charity and A's share is ₹ 855, total profit is

- (A) ₹1,500
- (B) ₹1,576
- (C) ₹1,450
- (D) ₹1,400

28. If the positions of the first and the third digits are interchanged in each of the following numbers, which will be the lowest number after the rearrangement?

- (A) 518
- (B) 725
- (C) 849
- (D) 634

29. A pressure group is distinct from a political party in as much as it does not directly—

- (A) Contest elections
- (B) Finance a candidate
- (C) Propagate a policy
- (D) Resort to mobilisation of opinion

30. The length of India's total coastline is about

- (A) 5900 km
- (B) 6100 km
- (C) 7000 km
- (D) 7500 km

**Please Turn Over**



31. Who wrote the famous book 'Brihat Katha'?
- (A) Gunadhya
  - (B) Sarva Varman
  - (C) Panini
  - (D) Radhagupt
32. Which of the following industries was started first in India?
- (A) Cotton
  - (B) Paper
  - (C) Tea
  - (D) Jute
33. Which of the following sets of cities is located on the reference longitude for Indian Standard Time?
- (A) Bangalore-Varanasi
  - (B) Chennai-Varanasi
  - (C) Kakinanda-Puducherry
  - (D) Puducherry-Varanasi
34. Select the correct option which has the same relationship as of the given two words.  
Chef : Kitchen
- (A) Spider : Web
  - (B) Soldier : Gun
  - (C) Admiral : Navy
  - (D) Beer : Brewery
35. Who among the following has authored the book titled 'Not Just Cricket: A Reporters Journey'?
- (A) Avtar Singh Bhasin
  - (B) Pradeep Magazine
  - (C) K. J. Alphons
  - (D) Kushan Sarkar
36. Jawaharlal Nehru helped to start the newspaper
- (A) Pioneer
  - (B) Patriot
  - (C) Kesri
  - (D) National Herald
37. Which Sultan of Delhi died while playing the chaugan (polo)?
- (A) Qutubuddin Aibak
  - (B) Ghiyasuddin Balban
  - (C) Shamsuddin Iltutmish
  - (D) Nasiruddin Mahmud
38. A boat covers a distance of 1 km in 6 minutes in downstream and a distance of 6 km in 1 hour in upstream. Determine the speed of the stream in km/hr.
- (A) 1
  - (B) 2
  - (C) 2.5
  - (D) 4
39. Who will be honoured with Param Vishisht Seva Medal on the eve of Republic Day 2022 by President Ram Nath Kovind?
- (A) Gagan Narang
  - (B) Neeraj Chopra
  - (C) Abhinav Bindra
  - (D) Rajyavardhan Singh Rathore
40. Who was the author of Kitab-ul-Hind?
- (A) Abu Said
  - (B) Abul Fazl
  - (C) Firdausi
  - (D) Al-Beruni



41. Which one of the following was a Union Territory before becoming a state?

- (A) Himachal Pradesh
- (B) Sikkim
- (C) Tripura
- (D) Manipur

42. Who is known as the "slave of a slave"?

- (A) Muhammad bin Qasim
- (B) Mahmud of Ghazni
- (C) Iltutmish
- (D) Qutubuddin Aibak

43. The author of the book 'Hindu way of Life' is

- (A) Aurobindo Ghosh
- (B) Dr. S. Radhakrishnan
- (C) Maulana Abul Kalam Azad
- (D) Jawaharlal Nehru

44. Omega Mission Hills World Cup is related to which game?

- (A) Tennis
- (B) Golf
- (C) Hockey
- (D) Polo

45. The first Indian to be elected to the leadership of Communist International was

- (A) Sohan Singh Josh
- (B) M. N. Roy
- (C) P. C. Joshi
- (D) S. A. Dange

46. If the door of a running refrigerator in a closed room is kept open, it will

- (A) cool the room.
- (B) heat the room.
- (C) make no difference.
- (D) initially heat and later cool the room.

47. 'Everything else can wait but not agriculture.'

The above statement is attributed to

- (A) Jagjivan Ram
- (B) Jawaharlal Nehru
- (C) Mahatma Gandhi
- (D) Sardar Patel

48. The portion of the actual produce fixed as state's share under the Zabt System of Mughals was \_\_\_\_\_.

- (A) One-half
- (B) One-third
- (C) One-fourth
- (D) One-fifth

49. What is the name of Indian's first satellite launch vehicle?

- (A) SLV-1
- (B) SLV-2
- (C) SLV-3
- (D) PSLV-1

50. When light waves pass from air to glass, the variables affected are

- (A) wavelength, frequency and velocity.
- (B) velocity and frequency.
- (C) wavelength and frequency.
- (D) wavelength and velocity.

Please Turn Over



51. India's first National Park is \_\_\_\_\_.  
(A) Nanda Devi National Park  
(B) Rajaji National Park  
(C) Jim Corbett National Park  
(D) Kanha National Park
52. A and B can separately do a piece of work in 20 and 15 days respectively. They worked together for 6 days after which B was replaced by C. The work was finished in next 4 days. The number of days in which C alone could do the work is  
(A) 35  
(B) 30  
(C) 45  
(D) 40
53. Two stations X and Y are 110 km apart on a straight line. One train starts from X at 7 a.m. and travels towards Y at 20 km/h speed. Another train starts from Y at 8 a.m. and travels towards X at 25 km/h speed. At what time will they meet?  
(A) 11 a.m.  
(B) 10 a.m.  
(C) 12 noon  
(D) 1 p.m.
54. Which of the following Sultans of Delhi was known as Lakh Bakhsh (giver of lakhs)?  
(A) Iltutmish  
(B) Balban  
(C) Mohammad-bin-Tughlaq  
(D) Qutubuddin Aibak
55. He is facing East. He turns  $100^\circ$  in clockwise direction and  $145^\circ$  in anti-clockwise direction. Which direction is he facing now?  
(A) East  
(B) North  
(C) South-West  
(D) North-East
56. Who was the in-charge of a pargana?  
(A) Amin  
(B) Pattidar  
(C) Shiqdar  
(D) Qanungo
57. The river Godavari rises in the  
(A) Vindhya  
(B) Satpura range  
(C) Sahyadri  
(D) Naga hills
58. A can run 1 km in 3 min. 10 sec. and B can cover the same distance in 3 min. 20 sec. By what distance can A beat B?  
(A) 40 metre  
(B) 15 metre  
(C) 50 metre  
(D) 55 metre
59. Who started the office of Diwan-i-Arz?  
(A) Raziya  
(B) Iltutmish  
(C) Balban  
(D) Qutubuddin Aibak
60. What would happen if human blood becomes acidic (low pH)?  
(A) Oxygen-carrying capacity of haemoglobin increases.  
(B) RBC count increases.  
(C) RBC count decreases.  
(D) Oxygen-carrying capacity of haemoglobin decreases.



61. The daughter who milks animals in the Vedic period was known as

- (A) Kubha
- (B) Duhitr
- (C) Komi
- (D) Sardha

62. Language used in the inscriptions of Ashoka is

- (A) Sanskrit
- (B) Prakrit
- (C) Apabhramsa
- (D) Hindi

63. An 'atom' is related to a 'molecule' in the same way as a 'cell' is related to

- (A) organism
- (B) phone
- (C) battery
- (D) nucleus

64. In a certain code, COMBINED is written as BMOCDENI. How is JUDICIAL written in that code?

- (A) UJDILACI
- (B) IDUJLAIC
- (C) IDJULACI
- (D) IDUJLACI

65. Which is an exothermic change?

- (A) Water is added to Ammonium Chloride.
- (B) Water is added to quick lime.
- (C) Nitrogen reacts with oxygen to form nitric oxide.
- (D) Hydrogen reacts with iodine to form hydroiodic acid.

66. Which of the following is called laughing gas?

- (A)  $N_2O_5$
- (B)  $N_2O_3$
- (C) NO
- (D)  $N_2O$

67. Who among the following leader draws his inspiration from M. K. Gandhi?

- (A) Jawaharlal Nehru
- (B) Jayaprakash Narayan
- (C) Abdul Ghaffar Khan
- (D) Subhas Chandra Bose

68. The phenomenon of hibernation can be observed in which of the following animals?

- (i) Bats
  - (ii) Bears
  - (iii) Rodents
- (A) (i) and (ii) only
  - (B) (ii) only
  - (C) (i), (ii) and (iii)
  - (D) (iii) only

69. The Mahasamghika School arose at which among the following places?

- (A) Bodha Gaya
- (B) Rajagriha
- (C) Sravasti
- (D) Vaishali

70. Which one of the following is not included in the State List in the Constitution of India?

- (A) Law and Order
- (B) Prison
- (C) Criminal Procedure Code
- (D) Police

Please Turn Over



71. The huge amount of energy released in nuclear fission and fusion reactions is due to the conversion of

- (A) chemical energy into heat energy.
- (B) protons into neutrons.
- (C) mass into energy, according to Einstein's equation.
- (D) mechanical energy into heat energy.

72. Yapaniya was the sect of which of the following?

- (A) Vaishnavists
- (B) Jainism
- (C) Shaivists
- (D) Buddhist

73. Indian Rhinoceros is protected in

- (A) Corbett National Park
- (B) Kaziranga National Park
- (C) Bandipur National Park
- (D) Gir National Park

74. Which one has not been correctly matched ?

- (A) Burnpur: Iron & Steel
- (B) Rupnarayanpur: Electric / Telephone wire
- (C) Chittaranjan: Rail Engine
- (D) Anupnagar: Electronics goods

75. Which of the following Glacier is located in the Nubra valley?

- (A) Batura
- (B) Hispar
- (C) Baltoro
- (D) Siachen

76. Which of the following rulers had turned the Moti Masjid of Lahore built by Mughal emperor Shah Jahan into a gemstone repository?

- (A) Jahangir
- (B) Shah Jahan
- (C) Furrukhsiyar
- (D) Maharaja Ranjit Singh

77. Which content creator has become India's first UN Development Programme (UNDP) Youth Climate Champion ?

- (A) Ashish Chanchlani
- (B) Bhuvan Bam
- (C) Prajakta Koli
- (D) Mithila Palkar

78. The objective of Audit is to examine and monitor the expenditure made by

- (A) The Executive
- (B) The Legislature
- (C) The Judiciary
- (D) All of the above

79. At which of the following places the first meeting/session of the Indian National Congress was held?

- (A) Calcutta
- (B) Bombay
- (C) Madras
- (D) Allahabad

80. In which year All India Services Act was enacted?

- (A) 1950
- (B) 1951
- (C) 1952
- (D) 1955



81. Find the missing element in the series 8, 10, 14, 20, ?, 38, 50, 64.

- (A) 28
- (B) 27
- (C) 25
- (D) 30

82. Which one among the following is called 'alum'?

- (A)  $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$
- (B)  $\text{K}_2\text{SO}_4 \cdot \text{Al}_2(\text{SO}_4)_3 \cdot 24\text{H}_2\text{O}$
- (C)  $\text{NaCl}$
- (D)  $\text{K}_4[\text{Fe}(\text{CN})_6]$

83. Pasteurisation is a process by which

- (A) milk is preserved at a very low temperature for 24 hours.
- (B) milk is heated for 8 hours.
- (C) milk is heated for some time and then cooled suddenly within specified time.
- (D) None of the above

84. In India, maximum number of workers are employed in

- (A) Textile industry
- (B) Iron and steel industry
- (C) Petrochemical industry
- (D) Automobile industry

85. The source of all political power in India lies with

- (A) The Parliament
- (B) The Lok Sabha
- (C) The people
- (D) The Constitution

86. Consumption of fish is considered to be healthy when compared to flesh of other animals because fish contains

- (A) essential vitamins
- (B) saturated fatty acids
- (C) polyunsaturated fatty acids
- (D) more proteins and carbohydrates

87. Ashoka's contemporary Greek King of Syria mentioned in his edicts was

- (A) Antigonas
- (B) Ptolemy II
- (C) Alexander
- (D) Antiochus II Theos

88. Which tennis team has won the Davis Cup tennis tournament 2021, held in Madrid?

- (A) Croatia
- (B) Russia
- (C) Denmark
- (D) India

89. If income of Raj and Siraj are in the ratio 3 : 4 and with 15% and 20% increase in salary, the new ratio will be

- (A) 23 : 32
- (B) 13 : 12
- (C) 12 : 13
- (D) 32 : 23

90. Which of the following forts was the first fort constructed by the Britishers?

- (A) Fort St. Angelo
- (B) Fort St. George
- (C) Fort St. David
- (D) Fort William

Please Turn Over



91. Who is the author of the book 'The Custodian of Trust : A Banker's Memoir'?

- (A) Ayaz Memon
- (B) Sanjay Baru
- (C) C. K. Garyali
- (D) Rajnish Kumar

92. Which State's High Court has become India's first paperless court?

- (A) Karnataka
- (B) Gujarat
- (C) Odisha
- (D) Kerala

93. Who declared: The only hope for India is from the masses. The upper classes are physically and morally dead?

- (A) Bal Gangadhar Tilak
- (B) Swami Vivekananda
- (C) Mahatma Gandhi
- (D) Gopal Krishna Gokhale

94. By which of these amendments, Dadra and Nagar Haveli was incorporated as a Union Territory?

- (A) 11th
- (B) 10th
- (C) 12th
- (D) 13th

95. Tungabhadra and Bhima are the tributaries of

- (A) Krishna
- (B) Cauvery
- (C) Mahanadi
- (D) Narmada

96. Step-up transformers are used for

- (A) increasing electrical power.
- (B) increasing voltage.
- (C) decreasing voltage.
- (D) decreasing electrical power.

97. Who has been appointed as new Chairman and Chief Executive Officer of Railway Board?

- (A) Vinay Kumar Tripathi
- (B) Navin Agarwal
- (C) V. K. Yadav
- (D) Suneet Sharma

98. Which of the following sectors does not come under Tertiary sector?

- (A) Transport
- (B) Trade
- (C) Business Services
- (D) Electricity

99. Who among the following occupied the supreme position in the later Vedic pantheon?

- (A) Indra
- (B) Prajapati
- (C) Agni
- (D) Varuna

100. If the numerator of a fraction is increased by 200% and the denominator increased by 300%, the resultant fraction is  $\frac{9}{17}$ . What was the original fraction?

- (A)  $\frac{11}{17}$
- (B)  $\frac{13}{17}$
- (C)  $\frac{10}{17}$
- (D)  $\frac{12}{17}$



101. Which of the following pairs is not correctly matched?

Hormone	Function
(A) Insulin	– Regulation of blood glucose
(B) Melatonic	– Regulation of sleep
(C) Gastrin	– Regulation of blood pressure
(D) Oxytocin	– Release of milk from mammary glands

102. If 'x' means '+', '÷' means '+', '+' means '-' and '-' means 'x', then  $2 - 50 + 40 \times 10 \div 96 = ?$

- (A) 104
- (B) 98
- (C) 182
- (D) 192

103. If the length of a rectangle is increased by 10% and its breadth is decreased by 10%, the change in its area will be

- (A) 1% increase
- (B) 1% decrease
- (C) 10% increase
- (D) No change

104. Tax on plunder during war in the Sultanate period was known as

- (A) Kharaj
- (B) Jizya
- (C) Khums
- (D) Zakat

105. When did the Indian National Congress ask for the Dominion Status?

- (A) 1942
- (B) 1947
- (C) 1908
- (D) 1929

106. Where was the capital of Shurasena located?

- (A) Saurashtra
- (B) Pooncha
- (C) Mathura
- (D) Potali

107. Who among the following characterised the Revolt of 1857 as a conspiracy?

- (A) G. B. Malleson
- (B) Sir John Kaye
- (C) T. R. Holmes
- (D) Sir Lawrence

108. Who was the Chairman of National Income Committee?

- (A) P. C. Mahalanobis
- (B) V.K.R.V. Rao
- (C) D. R. Gadgil
- (D) A.M. Khusro

109. Name the Joint Military Exercise whose 11th edition has been conducted by India and Maldives at Kadhdhoo Island, Maldives–

- (A) Surya Kiran
- (B) Suraksha Kavach
- (C) Ekuverin
- (D) Mitra Shakti

110. Why did Md-Bin-Tughlaq change his capital from Delhi to Hyderabad/Deogiri ?

- (A) Because he wanted to improve trade in Deccan.
- (B) Because he wanted to spread Islam in the Deccan.
- (C) Because he wanted to punish the people of Delhi.
- (D) Because he wanted to escape from Mongolian invasion.

Please Turn Over



111. Who among the following has written the novel "City of Joy"?

- (A) Dominique Lapierre
- (B) Roland Joffé
- (C) Larry Collins
- (D) Javier Moro

112. Armed Forces Flag Day is observed every year in India on \_\_\_\_\_.

- (A) 7th December
- (B) 8th December
- (C) 9th December
- (D) 10th December

113. The "Aichi Targets" are related to

- (A) conservation of coral reefs.
- (B) prevention of plastic use.
- (C) conservation of biodiversity.
- (D) conservation of wetland.

114. Who was the first Indian ruler to organize Haj pilgrimage at the expense of the state?

- (A) Alauddin Khilji
- (B) Feroz Tughlaq
- (C) Akbar
- (D) Aurangzeb

115. Which city has become the city with the largest Metro network in the world?

- (A) Shanghai, China
- (B) Jakarta, Indonesia
- (C) Kuala Lumpur, Malaysia
- (D) London, United Kingdom

116. The acid present in vinegar is

- (A)  $\text{CH}_3\text{COOH}$
- (B)  $\text{H}_2\text{SO}_4$
- (C)  $\text{HCl}$
- (D)  $\text{HNO}_3$

117. Which among the following Articles deals with the suspension of provisions of Article-19 during emergencies?

- (A) 352
- (B) 355
- (C) 358
- (D) 359

118. Zinc and Copper are in the ratio of 5 : 3 in 200 g of an alloy. How much grams of Copper be added to make the ratio as 3 : 5?

- (A) 66
- (B) 72
- (C)  $133\frac{1}{3}$
- (D)  $\frac{1}{200}$

119. Conversion of chemical energy into electrical energy occurs in

- (A) atom bomb
- (B) dynamo
- (C) electric heater
- (D) battery

120. Which one of the following creatures have no blood but respire?

- (A) Hydra
- (B) Cockroach
- (C) Earthworm
- (D) Fish



121. Which Company has launched the 'Buy Now Pay Later' (BNPL) platform 'postpe'?

- (A) Paytm
- (B) Google Pay
- (C) Amazon Pay
- (D) BharatPe

122. The difference between simple and compound interest on a certain sum of money at 5% p.a. for 2 years is ₹ 160. Find the sum.

- (A) ₹ 40,000
- (B) ₹ 48,000
- (C) ₹ 60,000
- (D) ₹ 64,000

123. Name one famous poet of the Delhi Sultanate, who was adorned with the title Tuti-e-Hindustan (The parrot of India).

- (A) Ziauddin Barani
- (B) Utbi
- (C) Alberuni
- (D) Amir Khusru

124. Who becomes the first Indian to complete prestigious NASA's International Air and Space Program (IASP) at the Kennedy Space Centre in Alabama, USA?

- (A) Shivani Chaturvedi
- (B) Siddharth Roy
- (C) Jahnavi Dangeti
- (D) Brijraj Mohan

125. Who amongst the following Sultans built the fifth storeys of Qutub Minar?

- (A) Qutubuddin Aibak
- (B) Iltutmish
- (C) Firoz Shah Tughlaq
- (D) Sikandar Lodi

126. Who identified "Sandrokottus" of the Greco-Roman literature with Chandragupta Maurya?

- (A) D. R. Bhandarkar
- (B) Alexander Cunningham
- (C) R. P. Chanda
- (D) William Jones

127. Who among the following was the founder of Samvad Kaumudi?

- (A) Ishwar Gupta
- (B) Prabodh Sanyal
- (C) Raja Rammohan Roy
- (D) Rabindranath Tagore

128. Third individual Satyagrahi was \_\_\_\_\_.

- (A) Dr. Rajendra Prasad
- (B) Brahma Datt
- (C) Dr. Pattabhi Sitarammaya
- (D) Sardar Patel

129. Rihand Dam is located in which state?

- (A) Punjab
- (B) Uttar Pradesh
- (C) Maharashtra
- (D) Bihar

130. A, B and C start at the same time in the same direction to run around a circular stadium. A completes a round in 252 second, B in 308 second and C in 198 second, all starting at the same point. After what time, will they meet next at the starting point again?

- (A) 46 min. 12 sec.
- (B) 45 min.
- (C) 46 min.
- (D) 42 min. 10 sec.

Please Turn Over



131. Two natural numbers are in the ratio 3 : 5 and their product is 2160. The smaller number is

- (A) 36
- (B) 24
- (C) 18
- (D) 12

132. Who among the following leader made the famous 'Objectives Resolution' in the Constituent Assembly?

- (A) Vallabhabhai Patel
- (B) C. Rajagopalachari
- (C) Jawaharlal Nehru
- (D) Dr. John Mathai

133. Which of the following is not a Direct tax?

- (A) Tax on income
- (B) Tax on wealth
- (C) Tax on expenditure
- (D) Tax on entertainment

134. VAT was an alternative of

- (A) State tax
- (B) Central tax
- (C) Both (A) and (B)
- (D) Neither (A) nor (B)

135. When was Indian Railways nationalised?

- (A) 1951
- (B) 1952
- (C) 1953
- (D) 1954

136. Who among the following is the author of the new book titled 'Mamata Beyond 2021'?

- (A) S. S. Oberoi
- (B) Shantanu Gupta
- (C) V. L. Indira Dutt
- (D) Jayanta Ghosal

137. Which of the following Kushan kings, who assumed the title "the Lord of the Whole World"?

- (A) Kadphises I
- (B) Kadphises II
- (C) Kanishka
- (D) Huvishka

138. Raihan's salary was reduced by 20%. In order to restore his salary at the original amount, it must be raised by

- (A) 20%
- (B) 22.5%
- (C) 25%
- (D) 26%

139. Which one of the following is the longest National Highway in India?

- (A) NH-2
- (B) NH-44
- (C) NH-8
- (D) NH-34

140. The average age of 34 students in a class is 14 years. When a teacher's age is included to it, the average increased by 1. What is the teacher's age in years?

- (A) 48
- (B) 50
- (C) 49
- (D) 47



141. Which Committee was formed for the determination of boundary of India and Pakistan?

- (A) Hartog Committee
- (B) Radcliffe Committee
- (C) Zakir Hussain Committee
- (D) Lee Commission

142. Maximum rate of photosynthesis occurs in

- (A) White light
- (B) Red light
- (C) Green light
- (D) Red and blue light

143. Who has won the Sahitya Akademi Yuva Puraskar 2021 in English language for her debut book 'A Burning'?

- (A) Arundhati Subramaniam
- (B) Namita Gokhale
- (C) Megha Majumdar
- (D) Anita Vachharajani

144. Which of the following statements about electromagnetic waves, sound waves and water waves is/are correct?

1. Exhibit reflection
  2. Carry energy
  3. Exert pressure
  4. Travel in vacuum
- (A) 1, 2 and 3
  - (B) 2 and 4 only
  - (C) 1 and 3 only
  - (D) 1 only

145. Where was the first Agriculture University of India established?

- (A) Kumarganj, Faizabad
- (B) Pantnagar
- (C) Kanpur
- (D) Naini, Allahabad

146. Which one of the following is not a function of liver?

- (A) Absorption of food and excess water from the undigested food.
- (B) Conversion of glucose into glycogen.
- (C) Production of urea.
- (D) Destruction of dead and worn-out RBCs.

147. Which of the following leaders was associated with the Home Rule League?

- (A) B. G. Tilak
- (B) G. K. Gokhale
- (C) M. G. Ranade
- (D) None of them

148. The brain is responsible for

- (A) Thinking
- (B) Regulating the heart beat
- (C) Balancing the body
- (D) All of the above

149. A trader sells his goods at 20% discount. He still makes 25% profit. If he sells at the marked price only, his profit will be

- (A) 56.25%
- (B) 25.65%
- (C) 50.25%
- (D) 54.25%

150. Who among the following was responsible for making "Sikhism" a militant force?

- (A) Guru Har Govind Singh
- (B) Guru Teg Bahadur
- (C) Guru Govind Singh
- (D) Guru Arjun Singh

Please Turn Over



151. Which of the following leaders was associated with the formation of the Congress Socialist Party?

- (A) P. C. Joshi
- (B) Subhas Chandra Bose
- (C) Acharya Narendra Dev
- (D) Ram Manohar Lohia

152. There is no atmosphere on the moon because

- (A) it is near the earth.
- (B) it receives light from the Sun.
- (C) it revolves around the earth.
- (D) the escape velocity of gas molecules on it is less than the root mean square velocity here.

153. Which of the doctrines of Jainism was added by Mahavira?

- (A) Do not speak a lie.
- (B) Observe continence.
- (C) Do not commit violence.
- (D) Do not steal.

154. Which city has become the first Indian city to use ropeway services in public transportation?

- (A) Varanasi
- (B) Gorakhpur
- (C) Kanpur
- (D) Mathura

155. Who among the following wrote commentaries on Harshavardhana's administration and the court life in Kannauj?

- (A) Al-Beruni
- (B) Fa-Hien
- (C) Hiuen-Tsang
- (D) Ibn Batutah

156. Rani Lakshmi Bai died fighting the British in the battle of

- (A) Gwalior
- (B) Kalpi
- (C) Kanpur
- (D) Jhansi

157. Which material will be used for the statue of Netaji Subhash Chandra Bose at India Gate to honor his contribution to the Independence Movement?

- (A) Copper
- (B) Iron
- (C) Granite
- (D) Marble

158.  $\sqrt{248 + \sqrt{51 + \sqrt{169}}} = ?$

- (A) 18
- (B) 17
- (C) 16
- (D) 15

159. 'Tilpara' irrigation canal is located at

- (A) Burdwan
- (B) Birbhum
- (C) Purulia
- (D) None of the above

160. Which steel plant was set up before Independence of India?

- (A) Bhilai
- (B) Bokaro
- (C) Rourkela
- (D) Jamshedpur



161. The Veda that contains charms and spells to ward off evils and diseases is

- (A) Atharva Veda
- (B) Rig Veda
- (C) Sama Veda
- (D) Yajur Veda

162. Which of the following waterfalls is the highest waterfall in India?

- (A) Barchipani falls
- (B) Kunchikal falls
- (C) Bee falls
- (D) Jog falls

163. Which State has become the first LPG (Liquefied Petroleum Gas) enabled and smoke free Indian State?

- (A) Gujarat
- (B) Uttar Pradesh
- (C) Himachal Pradesh
- (D) Madhya Pradesh

164. Who presented the first Union Budget of Independent India?

- (A) Morarji Desai
- (B) Johan Mathai
- (C) T.T. Krishnamachari
- (D) R.K. Shanmukham Chetty

165. Light Emitting Diode (LED) converts

- (A) light energy into electrical energy.
- (B) electrical energy into light energy.
- (C) thermal energy into light energy.
- (D) mechanical energy into electrical energy.

166. Which of the following Mughal Emperors is also known to be a very good player of Veena?

- (A) Akbar
- (B) Jahangir
- (C) Shah Jahan
- (D) Aurangzeb

167. Where is the Indian Sugarcane Research Institute situated?

- (A) New Delhi
- (B) Varanasi
- (C) Kanpur
- (D) Lucknow

168. The total value of goods and services, produced in a country during a given period of time is

- (A) Disposable income
- (B) National income
- (C) Per capita income
- (D) Net national income

169. Open market operation is a part of

- (A) Credit Policy
- (B) Debit Policy
- (C) Deposit Policy
- (D) None of these

170. Who among the following has won the World Rapid Chess Championship 2021?

- (A) Ian Nepomniachtchi
- (B) Magnus Carlsen
- (C) Viswanathan Anand
- (D) Nodirbek Abdusattorov

Please Turn Over



171. In which one of the following do we come across a detailed account of the municipal administration of Mauryas?

- (A) The Arthashastra of Kautilya
- (B) The account of Megasthenes
- (C) The Mudrarakshasa
- (D) Mauryan inscription

172. The direction of trade winds in northern hemisphere is

- (A) North-East to South-West
- (B) South-West to North-East
- (C) South-East to North-West
- (D) North-West to South-East

173. 'Spring Tide' occurs on

- (A) only Full Moon
- (B) only New Moon
- (C) both Full Moon and New Moon
- (D) neither Full Moon nor New Moon

174. The Headquarters of the 'Tiger Project' of Sundarban region is located at

- (A) Canning
- (B) Fresherganj
- (C) Gosaba
- (D) Basanti

175. Which of these leaders has been awarded the 'Netaji Award 2022' by Netaji Research Bureau?

- (A) Emmanuel Macron
- (B) Vladimir Putin
- (C) Scott Morrison
- (D) Shinzo Abe

176. 'Bathukamma' festival is celebrated in which State?

- (A) Meghalaya
- (B) Telangana
- (C) Arunachal Pradesh
- (D) Tripura

177. The term "white coal" sometimes referred to which of the following?

- (A) Geothermal Electricity
- (B) Wind Energy
- (C) Hydroelectricity
- (D) Biomass Energy

178. The oldest mountains in India according to geographical history are

- (A) Vindhya
- (B) Aravallis
- (C) Satpuras
- (D) Nilgiris

179. Which of the following properties is true for a toothpaste?

- (A) It is acidic.
- (B) It is alkaline.
- (C) It is neutral.
- (D) It is made up of Calcium Phosphate, the material of tooth enamel.

180. Who was the Governor-General of India during the Civil Disobedience Movement?

- (A) Lord Chelmsford
- (B) Lord Reading
- (C) Lord Irwin
- (D) Lord Wavell



181. West Bengal district having highest production of Tobacco is

- (A) Burdwan
- (B) Maldaha
- (C) Murshidabad
- (D) Coochbehar

182. Which of the following are the types of authority attributed to the President of India?

- (A) Real and Popular
- (B) Titular and De-jure
- (C) Political and Nominal
- (D) Constitutional and Nominal

183. "Medicine line" is another name of which among the following circles of latitude?

- (A) 17th Parallel North
- (B) 39th Parallel North
- (C) 49th Parallel North
- (D) 59th Parallel North

184. 2 men and 3 boys can do a piece of work in 10 days. 3 men and 2 boys can do the same in 8 days. In how many days can 2 men and 1 boy do the work?

- (A)  $25\frac{1}{2}$
- (B) 25
- (C)  $18\frac{1}{2}$
- (D)  $12\frac{1}{2}$

185. Which of the following rivers has the longest length?

- (A) Teesta
- (B) Mahananda
- (C) Jaldhaka
- (D) Kansabati

186. Which movie has won the 'Best Motion Picture Drama' award at the 79th Golden Globe Awards 2022?

- (A) The Power of the Dog
- (B) Nomadland
- (C) King Richard
- (D) West Side Story

187. Sharada Act deals with

- (A) Intercaste marriage
- (B) Polygamy
- (C) Child marriage
- (D) Widow remarriage

188. Which one of the following political leaders had seconded the 'Quit India Resolution' of 1942?

- (A) A. K. Azad
- (B) Rajendra Prasad
- (C) Sardar Vallabhabhai Patel
- (D) Jawaharlal Nehru

189. India has participated in 'Sea Dragon' 2022 exercise at Guam in the Western Pacific. Which of the following country has not participated in 'Sea Dragon 2022 exercise'?

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

190. What should come in place of the question mark?

$$140\sqrt{7} + 315 = 1015$$

- (A) 36
- (B) 25
- (C) 16
- (D) 6

Please Turn Over



191. The number of neutrons inside the nucleus of the element Uranium-235 is

- (A) 235
- (B) 92
- (C) 51
- (D) 143

192. Dear Money Policy implies

- (A) high price level.
- (B) large money supply.
- (C) high production.
- (D) high interest rates.

193. What do the painting of Ajanta depict?

- (A) Ramayana
- (B) Mahabharat
- (C) Jatakas
- (D) Panchatantra

194. In scorpion, poison is present in the

- (A) leg
- (B) hand
- (C) mouth
- (D) sting

195. With which country, India has begun 6th edition of military exercise 'Ajeya Warrior' in Uttarakhand?

- (A) Germany
- (B) Japan
- (C) UK
- (D) USA

196. Which of the following is correct regarding the Gross Domestic Saving in India?

- (A) Contribution of Household Sector is the largest
- (B) Contribution of Government Sector is the largest
- (C) Contribution of Corporate Sector is the largest
- (D) None of the above

197. Who among the following has received the 2021 Nobel Prize in Chemistry for their development of asymmetric organocatalysis, a 'new and ingenious tool for molecule building'?

- (A) David MacMillan
- (B) Emmanuelle Charpentier
- (C) Jennifer A Doudna
- (D) Both (A) and (B)

198. 'Tarai' region of West Bengal is roughly

- (A) High land
- (B) Low land
- (C) Plain land
- (D) Alluvial land

199. Velocity of sound is maximum in

- (A) Vacuum
- (B) Air
- (C) Water
- (D) Metal

200. "Istamarari Bandobast" was introduced by

- (A) Curzon
- (B) Cornwallis
- (C) Canning
- (D) Hastings