

1699

Question Booklet No.

Question Booklet Series: (A)

WEST BENGAL STATE HAJ COMMITTEE

ADMISSION TEST FOR FREE RESIDENTIAL COACHING FOR WBCS EXAMINATION, 2022

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 :

- 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।
- প্রশ্নপুস্তিকাটি সীল করা আছে। সীলটি কেটে প্রশ্নপুস্তিকাটি খুলবেন।
- 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।
- 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।
- প্রশ্নপত্র এবং OMR পত্র উভয়ই পরীক্ষার শেষে পরীক্ষা-তত্ত্বাবধায়ককে ফেরৎ দিতে হবে।
- 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.
- This Question Booklet is sealed. The candidate has to cut the seal to open the question booklet.
- 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.
- 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.
- The question booklet will be required to be returned back to the invigilator alongwith OMR Sheet.

WBSHC/22 [22623]

Please Turn Over

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

1. 'Imminent' means:
 - (A) Certain
 - (B) Unlawful
 - (C) Immaterial
 - (D) Impending

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

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

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

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

Fill in the blank with appropriate preposition/word:

4. He prefers eating fish _____ meat.
 - (A) than
 - (B) to
 - (C) more
 - (D) less

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

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

Choose the word opposite in meaning to the given word:

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

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

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

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

8. 'Raining cats and dogs':
 - (A) Very heavy rain
 - (B) A strange event
 - (C) A false gossip
 - (D) Something impossible

Fill in the blank with appropriate preposition/word:

9. The clouds of suspicion will clear _____ soon.
 - (A) up
 - (B) away
 - (C) off
 - (D) by

Choose the word opposite in meaning to the given word:

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

Please Turn Over

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

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

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

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

Choose the word opposite in meaning to the given word:

13. Unscrupulous:
 (A) Conscientious
 (B) Ambitious
 (C) Dedicated
 (D) Attentive

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

14. 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

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

15. (A) Cloomy
 (B) Morose
 (C) Elated
 (D) Unhappy

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

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

Fill in the blank with appropriate preposition/word:

17. He died _____ Covid disease.
 (A) from
 (B) for
 (C) by
 (D) of

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

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

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

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

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

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

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

21. Incapable of being seized:

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

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

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

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

23. 'Prudent' means:

- (A) Knowledgeable
- (B) Judicious
- (C) Foolish
- (D) Greedy

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

24. 'Substantial':

- (A) Significant
- (B) Large
- (C) Voluminous
- (D) Huge

Fill in the blank with appropriate preposition/word:

25. He had difficulty _____ selecting the best person.

- (A) at
- (B) for
- (C) in
- (D) on

26. 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

27. He is facing East. He turns 100° in clockwise direction and 145° in anti-clockwise direction. Which direction is he facing now?

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

28. 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

29. 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) Jahnvi Dangeti
- (D) Brijraj Mohan

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

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

Please Turn Over

31. Velocity of sound is maximum in
(A) Vacuum
(B) Air
(C) Water
(D) Metal
32. 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.
33. Who wrote the famous book 'Brihat Katha'?
(A) Gunadhya
(B) Sarva Varman
(C) Panini
(D) Radhagupt
34. Tungabhadra and Bhima are the tributaries of
(A) Krishna
(B) Cauvery
(C) Mahanadi
(D) Narmada
35. 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)
36. "Istamarari Bandobast" was introduced by
(A) Curzon
(B) Cornwallis
(C) Canning
(D) Hastings
37. 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.
38. Which of the following industries was started first in India?
(A) Cotton
(B) Paper
(C) Tea
(D) Jute
39. Step-up transformers are used for
(A) increasing electrical power.
(B) increasing voltage.
(C) decreasing voltage.
(D) decreasing electrical power.
40. 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.

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

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

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

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

43. 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

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

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

45. The acid present in vinegar is

- (A) CH_3COOH
- (B) H_2SO_4
- (C) HCl
- (D) HNO_3

46. India's first National Park is _____.

- (A) Nanda Devi National Park
- (B) Rajaji National Park
- (C) Jim Corbett National Park
- (D) Kanha National Park

47. 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

48. 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 |

49. 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

50. 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

Please Turn Over

51. 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

52. 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

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

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

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

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

55. 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

56. 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

57. 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

58. 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

59. 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.

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

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

61. Who presented the first Union Budget of Independent India?
- (A) Morarji Desai
(B) Johan Mathai
(C) T.T. Krishnamachari
(D) R.K. Shanmukham Chetty
62. Which among the following Articles deals with the suspension of provisions of Article-19 during emergencies?
- (A) 352
(B) 355
(C) 358
(D) 359
63. Who was the in-charge of a pargana?
- (A) Amin
(B) Pattidar
(C) Shiqdar
(D) Qanungo
64. 'Tilpara' irrigation canal is located at
- (A) Burdwan
(B) Birbhum
(C) Purulia
(D) None of the above
65. Which of the following rivers has the longest length?
- (A) Teesta
(B) Mahananda
(C) Jaldhaka
(D) Kansabati
66. 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
67. The source of all political power in India lies with
- (A) The Parliament
(B) The Lok Sabha
(C) The people
(D) The Constitution
68. Which one has not been correctly matched ?
- (A) Burnpur: Iron & Steel
(B) Rupnarayanpur: Electric / Telephone wire
(C) Chittaranjan: Rail Engine
(D) Anupnagar: Electronics goods
69. Where is the Indian Sugarcane Research Institute situated?
- (A) New Delhi
(B) Varanasi
(C) Kanpur
(D) Lucknow
70. 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

71. 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

72. 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%

73. 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

74. 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

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

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

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

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

77. 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.

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

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

79. 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.

80. '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

81. Who among the following has written the novel "City of Joy"?
- (A) Dominique Lapierre
(B) Roland Joffé
(C) Larry Collins
(D) Javier Moro
82. 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.
83. Indian Rhinoceros is protected in
- (A) Corbett National Park
(B) Kaziranga National Park
(C) Bandipur National Park
(D) Gir National Park
84. In a certain code, COMBINED is written as BMOCDENI. How is JUDICIAL written in that code?
- (A) UJDILACI
(B) IDUJLAIC
(C) IDJULACI
(D) IDUJLACI
85. 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
86. 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
87. Jawaharlal Nehru helped to start the newspaper
- (A) Pioneer
(B) Patriot
(C) Kesri
(D) National Herald
88. 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
89. Which of the following sectors does not come under Tertiary sector?
- (A) Transport
(B) Trade
(C) Business Services
(D) Electricity
90. 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

Please Turn Over

91. 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

92. 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

93. 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

94. Who was the author of Kitab-ul-Hind?

- (A) Abu Said
- (B) Abul Fazl
- (C) Firdausi
- (D) Al-Beruni

95. 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) $\frac{1}{200}$

96. 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

97. '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

98. 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

99. 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) $\frac{12}{17}$

100. 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

101. 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

102. 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

103. 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

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

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

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

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

106. 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%

107. 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

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

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

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

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

110. 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

Please Turn Over

111. Who started the office of Diwan-i-Arz ?

- (A) Raziya
- (B) Iltutmish
- (C) Balban
- (D) Qutubuddin Aibak

112. 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

113. 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.

114. Dear Money Policy implies

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

115. 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

116. 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

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

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

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

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

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

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

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

120. 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

121. Which steel plant was set up before Independence of India?
- (A) Bhilai
 - (B) Bokaro
 - (C) Rourkela
 - (D) Jamshedpur
122. 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
123. 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
124. 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.
125. The length of India's total coastline is about
- (A) 5900 km
 - (B) 6100 km
 - (C) 7000 km
 - (D) 7500 km
126. Who was the Governor-General of India during the Civil Disobedience Movement?
- (A) Lord Chelmsford
 - (B) Lord Reading
 - (C) Lord Irwin
 - (D) Lord Wavell
127. 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
128. Who is known as the "slave of a slave"?
- (A) Muhammad bin Qasim
 - (B) Mahmud of Ghazni
 - (C) Iltutmish
 - (D) Qutubuddin Aibak
129. The "Aichi Targets" are related to
- (A) conservation of coral reefs.
 - (B) prevention of plastic use.
 - (C) conservation of biodiversity.
 - (D) conservation of wetland.
130. 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

Please Turn Over

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

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

132. The river Godavari rises in the

- (A) Vindhya
- (B) Satpura range
- (C) Sahyadri
- (D) Naga hills

133. Language used in the inscriptions of Ashoka is

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

134. What do the painting of Ajanta depict?

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

135. 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

136. The brain is responsible for

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

137. 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

138. 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

139. Third individual Satyagrahi was _____.

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

140. 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

141. 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
142. 'Tarai' region of West Bengal is roughly
- (A) High land
(B) Low land
(C) Plain land
(D) Alluvial land
143. 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
144. 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
145. Which Sultan of Delhi died while playing the chaugan (polo)?
- (A) Qutubuddin Aibak
(B) Ghiyasuddin Balban
(C) Shamsuddin Iltutmish
(D) Nasiruddin Mahmud
146. The Headquarters of the 'Tiger Project' of Sundarban region is located at
- (A) Canning
(B) Fresherganj
(C) Gosaba
(D) Basanti
147. Where was the capital of Shurasena located?
- (A) Saurashtra
(B) Pooncha
(C) Mathura
(D) Potali
148. Find the missing element in the series 8, 10, 14, 20, ?, 38, 50, 64.
- (A) 28
(B) 27
(C) 25
(D) 30
149. 'Bathukamma' festival is celebrated in which State?
- (A) Meghalaya
(B) Telangana
(C) Arunachal Pradesh
(D) Tripura
150. West Bengal district having highest production of Tobacco is
- (A) Burdwan
(B) Maldaha
(C) Murshidabad
(D) Coochbehar

Please Turn Over

151. 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

152. 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

153. Armed Forces Flag Day is observed every year in India on _____.

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

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

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

155. Open market operation is a part of

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

156. 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

157. 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

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

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

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

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

160. 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

161. VAT was an alternative of
(A) State tax
(B) Central tax
(C) Both (A) and (B)
(D) Neither (A) nor (B)
162. Which city has become the first Indian city to use ropeway services in public transportation?
(A) Varanasi
(B) Gorakhpur
(C) Kanpur
(D) Mathura
163. 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
164. 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.
165. In which year All India Services Act was enacted?
(A) 1950
(B) 1951
(C) 1952
(D) 1955
166. Maximum rate of photosynthesis occurs in
(A) White light
(B) Red light
(C) Green light
(D) Red and blue light
167. 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
168. When was Indian Railways nationalised?
(A) 1951
(B) 1952
(C) 1953
(D) 1954
169. 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
170. Rihand Dam is located in which state?
(A) Punjab
(B) Uttar Pradesh
(C) Maharashtra
(D) Bihar

Please Turn Over

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

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

172. 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) $12\frac{1}{2}$

173. 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

174. "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

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

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

176. In scorpion, poison is present in the

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

177. 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

178. 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

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

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

180. 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

181. Sharada Act deals with
 (A) Intercaste marriage
 (B) Polygamy
 (C) Child marriage
 (D) Widow remarriage
182. By which of these amendments, Dadra and Nagar Haveli was incorporated as a Union Territory?
 (A) 11th
 (B) 10th
 (C) 12th
 (D) 13th
183. Which of the following is called laughing gas?
 (A) N_2O_5
 (B) N_2O_3
 (C) NO
 (D) N_2O
184. Who among the following was the founder of Samvad Kaumudi?
 (A) Ishwar Gupta
 (B) Prabodh Sanyal
 (C) Raja Rammohan Roy
 (D) Rabindranath Tagore
185. 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.
186. What is the name of Indian's first satellite launch vehicle?
 (A) SLV-1
 (B) SLV-2
 (C) SLV-3
 (D) PSLV-1
187. Which one among the following is called 'alum'?
 (A) $CuSO_4, 5H_2O$
 (B) $K_2SO_4, Al_2(SO_4)_3, 24H_2O$
 (C) NaCl
 (D) $K_4[Fe(CN)_6]$
188. 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
189. 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.
190. When did the Indian National Congress ask for the Dominion Status?
 (A) 1942
 (B) 1947
 (C) 1908
 (D) 1929

Please Turn Over

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

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

192. Conversion of chemical energy into electrical energy occurs in

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

193. 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

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

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

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

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

196. 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

197. 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

198. 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

199. 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

200. 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.