

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO.

TR/CSTPST/PRE/2022

Test Booklet Series

**TEST BOOKLET
GENERAL STUDIES**

D

Nabendu Chandhuri 02-04-2023.
(Signature of the Candidate)

Rituparna Reddy
2/4/23
(Invigilator's Signature)

Time Allowed : Two and half (2½) hours

Maximum Marks : 200

INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. ENCODE CLEARLY THE TEST BOOKLET SERIES A, B, C OR D AS THE CASE MAY BE IN THE APPROPRIATE PLACE IN THE ANSWER SHEET BY BLACK BALL POINT PEN ONLY.
3. This Test Booklet contains 200 items (questions). Each questions carrying 1(one) mark only, has four responses (answers). You will select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the most appropriate. In any case, choose ONLY ONE response for each item.
4. You have to mark all your responses by **Black Ball Point Pen only** on the separate Answer Sheet provided. See directions in the Answer Sheet.
5. All items carry equal marks.
6. Before you proceed to mark in the Answer Sheet the responses to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per instructions sent to you with your Admission Certificate.
7. After you have completed filling in responses on the Answer Sheet and the Examination is completed, you should handover the Answer Sheet to the Invigilator only. You are permitted to take away the Test Booklet with you.
8. Sheets for rough work are appended on the Test Booklet at the end.
9. **Penalty for wrong answers :**
 - (a) There will be four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, **one-fourth** of the marks assigned to that question will be deducted as penalty.
 - (b) If a candidate gives more than one answer, it will be treated as a **Wrong Answer** even if one of the given answers happens to be correct and there will be same penalty as above to that question.
 - (c) If a question is left blank, i.e., no answer is given by the candidate, there will be **no penalty** for that question.

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3. She takes great interest _____ discussing political issues.
- (A) in (B) on
(C) about (D) with
4. Can we expect the results of the exams _____ the end of May?
- (A) until (B) on
(C) about (D) by
5. There is _____ great deal of confusion here.
- (A) a (B) the
(C) an (D) no article is needed
6. At last _____ justice has been done to the accused.
- (A) the (B) an
(C) a (D) no article is needed
7. Cathy goes to _____ church every Sunday.
- (A) an (B) the
(C) a (D) no article is needed
8. It is a long drive to _____ airport.
- (A) an (B) the
(C) a (D) no article is needed

Direction for Question Nos. 9 to 12.

Select the word or group of words almost similar in meaning to the underlined word or group of words :

9. Having walked ten kilometers, he is quite done up.

- (A) dead (B) ~~exhausted~~
(C) satisfied (D) ill

10. I am afraid you two are at cross-purposes.

- (A) are from different countries (B) do not know why you are here
(C) are angry with each other (D) ~~misunderstand~~ each other

11. A spirit of celebration is in the air.

- (A) ~~prevalent~~ (B) ensuing
(C) over (D) None of these

Handwritten calculations and scribbles on the right side of the page, including a fraction $\frac{200}{100}$ and other illegible marks.

12. The historic post and telegraph building was pulled down within a day.

- (A) ~~demolished~~ (B) ransacked
(C) renovated (D) devastated

Direction for Question Nos. 13 to 16.

Select the word or group of words that is almost opposite in meaning to the underlined word or words :

13. Buoyed by a remarkable victory last week, Indian cricket team feels confident of winning the trophy.

- (A) surprised (B) encouraged
(C) ~~debilitated~~ (D) thwarted

14. The project has been shelved.
- (A) cancelled (B) implemented
(C) put off (D) proposed
15. Their sympathy emboldened me to ask them for help.
- (A) instigated (B) assured
(C) pushed (D) discouraged
16. All his friends are afraid of his ratty nature.
- (A) grumpy (B) innocent
(C) volatile (D) amenable

Direction for Question Nos. 17 to 20.

Indicate the word or group of words nearest in meaning to the underlined expressions :

17. He puts on an air of dignity.
- (A) extinguish (B) assumes
(C) annoyed (D) overcome
18. They won the match hands down.
- (A) easily (B) with difficulty
(C) by cheating (D) without playing at all
19. A minute before the curtain went up, I ran through my lines once again.
- (A) read out (B) revised
(C) had a glance through (D) tried to recollect

and scientists are rooted to their contemporary time. The poet says to the scientist, "Here, I give you a flash of the future." The wise scientist thanks him, and takes that flash of the future and makes it over into a fibre of today. The automobile was not dug out of the ground like a nugget of gold, it was first envisioned in a dream of a poet. Afterward, long afterward, the practical-minded engineers caught up with what had been created by winging fantasy.

28. According to the passage, dreams are useful to the world because :
- (A) Unless one dreams, one cannot be a scientist
 - (B) Only after one dreams of something, the thing can be given a concrete shape
 - (C) Dreams refresh the mind of a scientist
 - (D) Dreams help one to write poetry in a scientific way
29. Which of the following statements is true according to the passage ?
- (A) Poets and scientists do the same thing
 - (B) Scientists should attach little importance to poets' imagination
 - (C) In the field of worldly progress, the task of a poet and that of an engineer are complementary to each other
 - (D) All poets are scientists in the making
30. Which of the following statements is not true according to the passage ?
- (A) Poets pave the way for the achievements of engineers
 - (B) What a poet dreams of today, a scientist will turn it into reality tomorrow
 - (C) The passage unambiguously exalts the faculty of the poet to dream
 - (D) Dreams retard the progress of the world considerably.

PART – II

31. Sir Thomas Munro was associated with which of the land revenue system ?
- (A) Ryotwari (B) Mahalwari
(C) Permanent Settlement (D) Malguzari
32. 'Vande Mataram' the national song was first sung in which session of the Indian National Congress ?
- (A) Kolkata, 1896 (B) Lahore, 1929
(C) Bombay, 1889 (D) Varanasi, 1905
33. Who among the following was NOT a Derozian ?
- (A) Ramgopal Ghosh (B) Radha Kanta Deb
(C) Radhakanta Sikdar (D) Krishna Mohan Banerjee
34. Which social reformer of Maharashtra was popularly known as 'Lokahitawadi' ?
- (A) Atmaram Pandurang (B) Pandita Ramabai
(C) Jyotiba Phule (D) Gopal Hari Deshmukh
35. To protest against British exploitation of Indigo farmers, Gandhiji started the
- (A) Kheda satyagraha (B) Champaran satyagraha
(C) Ahmedabad Mill Strike (D) Khilafat movement
36. By which of the following pacts did the Indian National Congress and Muslim League come together to put up a joint scheme of political reforms ?
- (A) Lucknow Pact, 1916 (B) Lahore Pact, 1929
(C) Gandhi-Irwin Pact, 1931 (D) Poona Pact, 1932

37. Who was the Viceroy of India during the Quit India Movement? 1942
- (A) Lord Dufferin (B) Lord Wavell
(C) Lord Linlithgow (D) Lord Mountbatten
38. Who among the following was one of the leaders of the 'Salt Satyagrah'?
- (A) Aruna Asaf Ali (B) Annie Besant
(C) Mridula Sarabhai (D) Sarojini Naidu
39. Arrange the following events in a chronological order
- (i) Dandi March ¹⁹³⁰ (ii) Jallianwala Bagh Massacre ¹⁹¹⁹
(iii) Partition of Bengal ¹⁹⁰⁵ (iv) Demand for Purna Swaraj ¹⁹²⁹
- (A) (iv), (ii), (i), (iii) (B) (ii), (i), (iii), (iv)
(C) (iii), (ii), (iv), (i) (D) (i), (iv), (ii), (iii)
40. From where did Subhas Chandra Bose announce his famous call 'Delhi Chalo'?
- (A) Singapore (B) Calcutta
(C) Berlin (D) Tokyo
41. During the reign of which Manikya king was the Kunjaban Palace built?
- (A) Maharaja Radha Kishore Manikya
(B) Maharaja Birendra Kishore Manikya
(C) Maharaja Bir Chandra Manikya
(D) Maharaja Bir Bikram Kishore Manikya

42. Which of the following is worshipped as God of Paddy by the tribes of Tripura ?
- (A) Bura-cha (B) Kha-luma
(C) Lam-pira (D) ~~Q~~ Mai-luma
43. Name a marriage custom prevalent among the tribes of Tripura.
- (A) Kaizagnani (B) Missip
(C) Gairang (D) ~~Q~~ Taithung
44. When was the Post Office first opened in Agartala ?
- (A) ~~Q~~ 1st October, 1875 (B) ~~Q~~ 1st October, 1894
(C) 27th December, 1945 (D) 9th September, 1949
45. Who was the Manikya king during the Great Revolt of 1857 ?
- (A) ~~Q~~ Maharaja Ishan Chandra Manikya (B) Maharaja Bir Chandra Manikya
(C) Maharaja Radhakishore Manikya (D) Maharaja Govinda Manikya
46. The impeachment of Indian President in the Parliament is a *Part 61*
- (A) Political Procedure (B) Legal Procedure
(C) ~~Q~~ Quasi-judicial Procedure (D) ~~Q~~ None of these
47. In which part of Indian Constitution the Panchayati Raj system is incorporated ?
- (A) Part IX (B) ~~Q~~ Part IX-A
(C) Part XII (D) Part XII-A

48. The duration of State Legislative Assembly may be extended by Parliament for a period of
- (A) Six months (B) One year
(C) Two years (D) None of these
49. Which of the following Right was described by Dr. B. R. Ambedkar as the heart and soul of the Constitution ?
- (A) Right to Property
(B) Right to Life
(C) Right to Constitutional Remedies
(D) Right to Freedom
50. Mahatma Gandhi got his inspiration from _____ for Civil Disobedience Movement. ^{→ 1930}
- (A) David Thoreau (B) John Ruskin
(C) Leo Tolstoy (D) Confucius
51. The Legislative Council can be created by the Parliament of India with a
- (A) Simple Majority (B) Effective Majority
(C) Special Majority (D) Absolute Majority
52. Among the following which countries are above India in terms of nominal GDP as per data of IMF (year 2020) ?
- (A) U.S., China, Japan, Germany (B) China, U.K., U.S., Germany
(C) U.S., China, U.K., Japan (D) China, U.S., France, U.K.
53. The fiscal deficit recorded in India for 2021-2022 in percentage of GDP is
- (A) 6.71% (B) 6.12%
(C) 7.05% (D) 6.98%

54. In which Five Year Plan 'Self-reliance' as an object of Planning was emphasised?
- (A) Second Five Year Plan
(B) Sixth Five Year Plan
(C) Third Five Year Plan
(D) Fourth Five Year Plan
55. Which of the following is not a Revenue Receipt?
- (A) Wealth Tax (B) Foreign Grants
(C) Profit of Public Enterprises (D) Recovery of Loans
56. Which one of the following is the combination of direct taxes?
- (A) Service Tax and Excise Duty
(B) Wealth Tax and Income Tax
(C) Income Tax and Service Tax
(D) Excise Duty and Income Tax
57. Indian Monetary System is based on
- (A) Paper Standard (B) Silver Standard
(C) Gold Standard (D) None of these
58. Which Article of the Indian Constitution has the provisions for a Financial Emergency?
- (A) Art. 254 (B) Art. 354
(C) Art. 260 (D) Art. 360

59. Which of the following parliamentary committees consist of only of members of Lok Sabha ?
- (A) Public Accounts Committee
 - (B) Estimates Committee
 - (C) Committee on Public Undertakings
 - (D) None of these
60. Which section of the Indian Penal Code (IPC) was struck down by the Supreme Court of India to decriminalize homosexuality ?
- (A) SECTION 111
 - (B) SECTION 197
 - (C) SECTION 377
 - (D) SECTION 12
61. The Seventh Schedule of the Constitution of India contains
- (A) Salaries of the President and Vice President
 - (B) Tribal Areas, Scheduled Areas
 - (C) Union list, State list, Concurrent list
 - (D) Languages
62. Vice President of India is elected by an electoral college, consisting of
- (A) Members of both the Houses of Parliament
 - (B) Members of Rajya Sabha only
 - (C) Elected Members of Both the Houses of Parliament
 - (D) Elected Members of Lok Sabha only
63. When was the First Union Budget of India was presented ?
- (A) November 30th, 1956
 - (B) November 26th, 1947
 - (C) February 28th, 1949
 - (D) March 26th, 1950

64. Which of the following is NOT a Directive Principle of State Policy of the Constitution of India ?
- (A) The State shall take steps to organise village panchayats and endow them with such powers and authority as may be necessary to enable them to function as units of self government.
 - (B) The State shall, within the limits of its economic capacity and development make effective provision for securing the right to work, to education and to public assistance in cases of unemployment, old age, sickness and disablement, and in other cases of undeserved want.
 - (C) The State shall make provision for securing just and humane conditions of work and for maternity relief.
 - (D) The State shall refrain or shall not take any measure for a uniform civil code for citizens through the territory of India.
65. Who is the author of the book – “The Nation and its Fragments : Colonial and Post-colonial Histories ?
- (A) Partha Chatterjee
 - (B) Gurpreet Mahajan
 - (C) Yogendra Yadav
 - (D) B. R. Ambedkar
66. India became a member of the World Trade Organisation in the year
- (A) 2001
 - (B) 1995
 - (C) 1987
 - (D) 1991
67. The ‘abbreviation’ ‘NITI’ in NITI Aayog stands for
- (A) National Institution for transforming India
 - (B) National implementation of transformational industries
 - (C) National initiatives for transforming India
 - (D) Nationalistic Industrial Transformation initiatives

68. In India, which among the following is responsible for maintaining price stability by controlling inflation ?
- (A) Department of Consumers Affairs
(B) Expenditure Management Commission
(C) Financial Stability and Development Council
(D) Reserve Bank of India
69. 'Sub-prime' crisis is a term associated with
- (A) Political instability
(B) Structural Adjustment Programme
(C) Growing Social inequality
(D) Economic recession
70. Which of the following is the thrust area of the Atal Mission for Rejuvenation and Urban Transformation (AMRUT) launched in 2015 ?
- (A) Online infrastructure and internet connectivity
(B) Entrepreneurship among women
(C) Water supply and sewage management
(D) Enhancing potential of waterways and the coastline
71. Coastal plain between Mumbai and Goa is
- (A) Konkan plain
(B) Coromandal plain
(C) Malabar plain
(D) Kannad plain
72. A plateau located in Vindhya Range is
- (A) Deccan Plateau
(B) Chhotanagpur Plateau
(C) Telengana Plateau
(D) Malwa Plateau
73. Which river is known as the 'Sorrow of Bihar' ?
- (A) Damodar river → *Sorrow of Bengal*
(B) Kosi river
(C) Gandak river
(D) Karmanasa river

80. Which of the following sequence is correct in connection with the succession of rocks from bottom upwards ?
- (A) Tipam, Surma, Dupitilla (B) Surma, Tipam, Dupitilla
(C) Dupitilla, Tipam, Surma (D) None of these
81. What is the name of highest peak of Baramura Range in Tripura ?
- (A) Phengpui (B) Niungmamura
(C) Saisum Sib (D) None of these
82. As per ICAR, the soil of Tripura is taxonomically classified in ____ orders.
- (A) 3 (B) 5
(C) 6 (D) 7
83. Which type of plants are mostly found in the Thar desert of Rajasthan ?
- (A) Hydrophytes (B) Xerophytes
(C) Epiphytes (D) Mesophytes
84. Which of the following coast generally remains dry during July-August ?
- (A) Kathiabar (B) Konkan
(C) Coromandal (D) Malabar
85. The 'Valley of Kashmir' lies between
- (A) Pir Panjal and Karakoram Range (B) Pir Panjal and Zaskar Range
(C) Shiwalik and Ladakh Range (D) Karakoram and Ladakh Range

86. The habitat of the Toda tribe is in
 (A) Aravalli Hill Range (B) Shiwalik Hill Range
 (C) Nilgiri Hill Range (D) Kaimur Range
87. The Abdul Kalam island is located in the State of
 (A) West Bengal (B) Odisha
 (C) Andhra Pradesh (D) Tamilnadu
88. Bhadrabati of Karnataka is known for
 (A) Iron and Steel Industry (B) Motor Vehicle Industry
 (C) Jute Industry (D) Paper Industry
89. Bru tribe is recognised under which of the following categories in Tripura?
 (A) Mongoloid Group (B) Negrito Group
 (C) Austric Group (D) Particularly Vulnerable Group
90. Match List-I with List-II and select the correct answer from the code given below :

| List-I | List-II |
|---------------------|-----------------|
| <u>Mining Areas</u> | <u>Minerals</u> |
| (i) Malanjkhand | (1) Coal |
| (ii) Kudremukh | (2) Copper |
| (iii) Korba | (3) Iron ore |
| (iv) Jaduguda | (4) Urenium |

Code :

- | | | | | |
|-----|-----|------|-------|------|
| | (i) | (ii) | (iii) | (iv) |
| (A) | (1) | (2) | (3) | (4) |
| (B) | (2) | (1) | (4) | (3) |
| (C) | (3) | (4) | (2) | (1) |
| (D) | (2) | (3) | (1) | (4) |

91. Select the left bank tributary of the river Godavari.
- (A) The Penganga (B) The Bhima
(C) The Tel (D) The Hemavati
92. Which of the following cities is not connected to the Golden Quardangle in India ?
- (A) Varanasi (B) Udaipur
(C) Pune (D) Nagpur
93. Which of the following coastal places in India are the natural harbours ? Select the correct answer from the code given below :
- Places :
1. Chennai 2. Kochi 3. Tutikorin 4. Vishakhapatnam
- Code :
- (A) 1 and 2 (B) 1 and 3
(C) 2 and 4 (D) 2 and 3
94. Which of the following pairs about Indian tribes is not correctly matched ?
- (A) Jharkhand — Banjara (B) Tamil Nadu — Toda
(C) Rajasthan — Meena (D) Uttarakhand — Tharu
95. To which side of Atharumura range the Lanstara hill is situated ?
- (A) North (B) South
(C) East (D) West
96. What is Decennial growth of population by 2001 to 2011 census figures in Tripura as per census, 2011 — of RGI, MHA ?
- (A) 14.75 (B) 20.96
(C) 22.78 (D) 23.71

97. As per NITI Aayog, Sustainability Development Goal (SDG) index score-2021 for Tripura is

- (A) 38 (B) 65
(C) 81 (D) 57

98. Which English Governor General was murdered by a convict in the Andaman Island?

- (A) Clive (B) Ripon
(C) Mayo (D) Northbrooke

99. Which of the following nationalist leaders opposed the Age of Consent Bill?

- (A) W. C. Bannerjee (B) G. K. Gokhale
(C) M. G. Ranade (D) B. G. Tilak

100. The author of Hind Swaraj was

- (A) Gandhi (B) Savarkar
(C) Ambedkar (D) S. N. Banerjee

101. Ulgulan was started by

- (A) Damodar Chapekar (B) Birsa Munda
(C) B. M. Malabari (D) Sri Ram Bajpai

102. Shri Narayan Guru carried out social reforms among

- (A) Jats of Jaunpur (B) Ezhavas of Kerala
(C) Reddys of Andhra Pradesh (D) Balmikis of Punjab

103. Who was the founder of the *Amrita Bazar Patrika* ?

- (A) Sisir Kumar Ghosh (B) Harish Chandra Mukherjee
(C) Girish Chandra Ghosh (D) S. N. Banerjee

104. The *Satyashodak Samaj* was established by

- (A) Gandhi (B) Phule
(C) Tukaram (D) Ramabai

105. The Self Respect Movement in South India was led by

- (A) Velu Thampi (B) Ramachandran
(C) Periyar (D) Narayan Guru

106. The Lucknow Pact (1916) was signed by

- (A) Home Rule League and the Muslim League
(B) Swarajya Dal and the Indian National Congress
(C) Muslim League and the Indian Association
(D) Indian National Congress and the Muslim League

107. The Butler Committee was set up in 1927 to investigate

- (A) Revolutionary movements
(B) Famines in India
(C) Indigenous Industries
(D) Relations between Princely States and British Indian Government

108. Who among the following Maharajas has built the Venuban Vihar Budha Shrine at Agartala ?

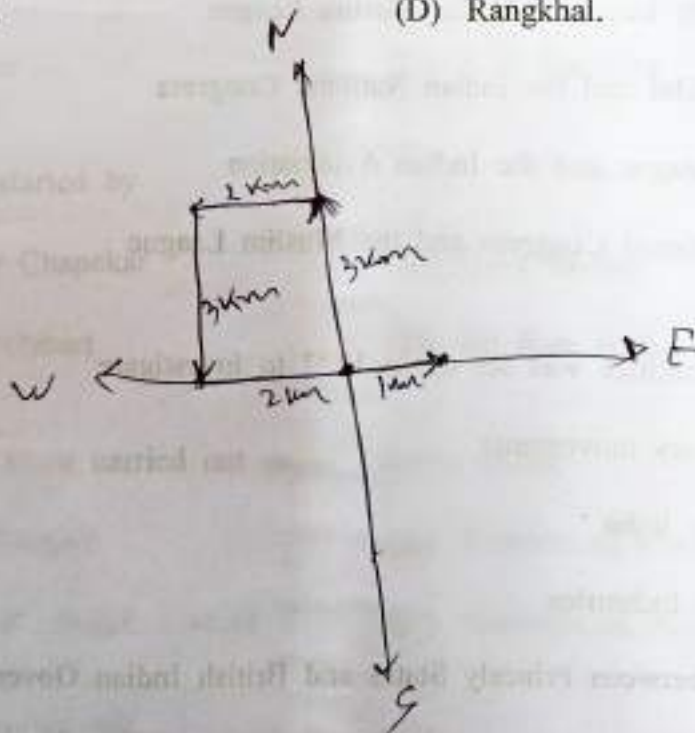
- (A) Maharaja Birchandra Manikya
- (B) Maharaja Bir Bikram Kishore Manikya 1746
- (C) Maharaja Birendra Kishore Manikya
- (D) None of them

109. The King of Tripura mentioned in Abul Fazl's *Ain-i Akbari* is

- (A) Maharaja Amar Manikya
- (B) Maharaja Vijay Manikya
- (C) Maharaja Govinda Manikya
- (D) Maharaja Bikram Manikya

110. The leader of the Jamatia uprising during 1863 was

- (A) Parikshit
- (B) Okhirai
- (C) Chandra
- (D) Rangkhul.

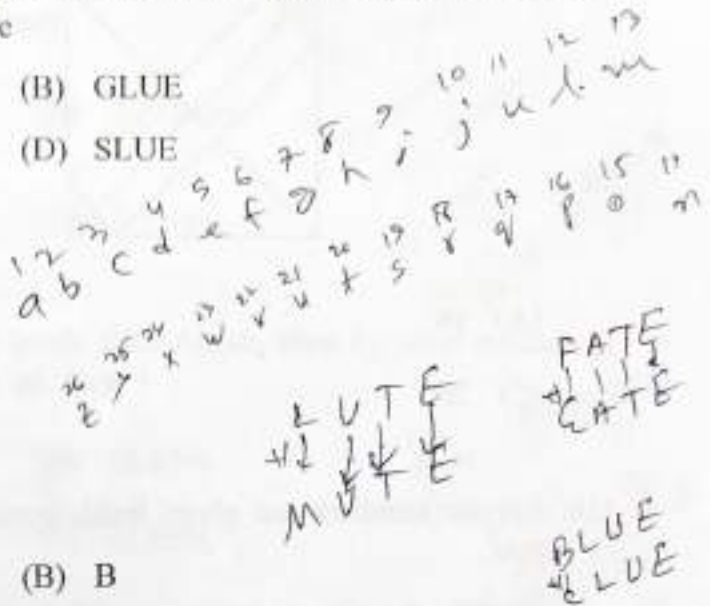


PART - III

111. If in a certain code LUTE is written as MUTE and FATE is written as GATE then how BLUE will be written in the Code

- (A) CLUE
(C) FLUE

- (B) GLUE
(D) SLUE



112. Given that

1. A is the mother of B
2. C is the son of A
3. D is the brother of E
4. E is the daughter of B

The grandmother of D is

- (A) A
(C) C

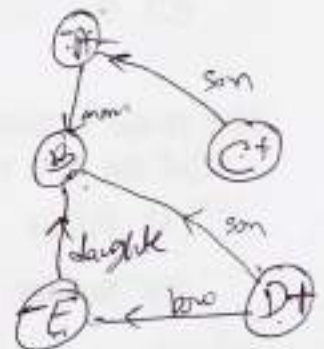
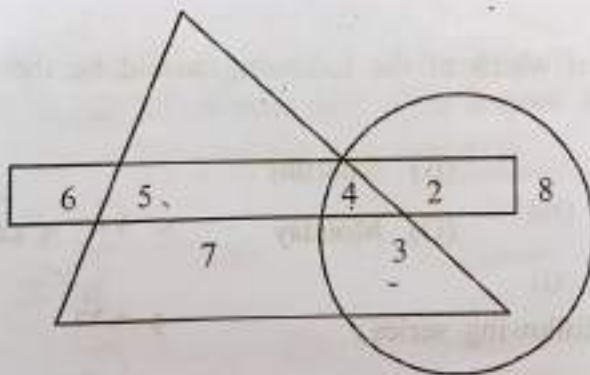
- (B) B
(D) E

113. Rohan Walks a distance of 3km North then turns to his left and walks for 2 km. He again turns left and walks for 3 km. At this point he turns to his left and walks for 3 km. How many kilometers away is he from the starting point ?

- (A) 1 km
(C) 3 km

- (B) 2 km
(D) 5 km

114.

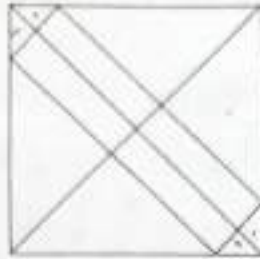


Which number is in all the geometrical figures ?

- (A) 3
(C) 5

- (B) 4
(D) 8

115. How many total triangles are there in the following figure ?



(A) 16

(C) 20

(B) 18

(D) 24

$\frac{1}{2} \times \text{diag} \times \text{side} = 600$
 $\text{diag} \times \text{side} = 1200$
 $\frac{1}{2} \times \text{side} \times \text{side} = 1200$
 $\text{side} \times \text{side} = 2400$
 $\text{side} = \sqrt{2400} = 48.98$
 $\text{side} = 49$

116. Certain numbers are given inside/outside the square box according to a particular rule.

Identify the correct option to fill in the space marked with question-mark (?)

$$\begin{array}{ccc} & 27 & \\ 36 & \boxed{1} & 9 \\ & 9 & \end{array}$$

$$\begin{array}{ccc} & 56 & \\ 81 & \boxed{1} & 9 \\ & 7 & \end{array}$$

$$\begin{array}{ccc} & 27 & \\ 36 & \boxed{?} & 3 \\ & 9 & \end{array}$$

(A) 1

(B) 3

(C) 9

(D) 12

117. If the 02/04/2021 is Friday, then which of the following would be the 22nd day of the next month ?

(A) Friday

(B) Saturday

(C) Sunday

(D) Monday

118. Find the missing terms in the following series :

- 1001000 - 01001 - 0010 - 0010001

(A) 1000

(B) 1010

(C) 0101

(D) 0001

$9 \rightarrow \text{Fr}$
 $16 \rightarrow \text{Fr}$
 $23 \rightarrow \text{Fr}$
 $30 \rightarrow \text{Fr}$
 $7 \rightarrow \text{Fr}$
 $14 \rightarrow \text{Fr}$
 $21 \rightarrow \text{Fr}$
 $28 \rightarrow \text{Fr}$
 $35 \rightarrow \text{Fr}$

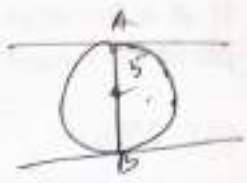
$240 - 6 = \frac{234}{6}$ 37 12×2 -10

124. The average of 6 numbers is 40. Each of the first three numbers is increased by 4 and each of the remaining three numbers is decreased by 6, the new average of 6 numbers is

- (A) 36
- (B) 30
- (C) 39
- (D) 42

125. Two parallel lines touch a circle at points A and B respectively. If the area of the circle is $25\pi \text{ cm}^2$, then AB is equal to

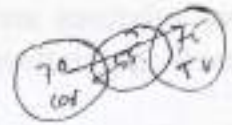
- (A) 5 cm
- (B) 8 cm
- (C) 10 cm
- (D) 25 cm



$r = 5$
 $AB = 2r = 10$

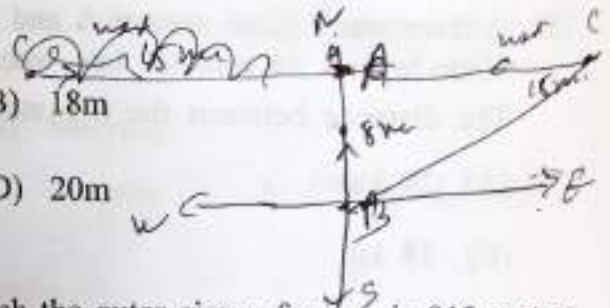
126. In a survey 70% of those surveyed owned a car and 75% of those surveyed owned a TV. If 55% owned both a car and a TV, what per cent of those surveyed did not own either a Car or a TV?

- (A) 25%
- (B) 20%
- (C) 10%
- (D) 5%



127. The point A is at a distance of 8m due North from B and 15m due West from C. The distance between B and C is

- (A) 17m
- (B) 18m
- (C) 19m
- (D) 20m



128. A path runs round a circular garden of which the outer circumference is 912 metres and the inner circumference is 868 metres. The width of the path is

- (A) 5m
- (B) 6m
- (C) 7m
- (D) 8m

$2\pi r = 912$
 $r = \frac{912}{2\pi}$

$2\pi R = 868$
 $R = \frac{868}{2\pi}$

$2\pi R - 2\pi r = 2\pi \times \text{width}$
 $868 - 912 = 2\pi \times \text{width}$
 $-44 = 2\pi \times \text{width}$
 $\text{width} = \frac{44}{2\pi} = 7$

$BC = \sqrt{8^2 + 15^2}$
 $= \sqrt{64 + 225}$
 $= \sqrt{289}$
 $= 17$

129. If $A : B = 3 : 2$, $B : C = 8 : 5$, $C : D = 7 : 6$ then $A : D =$

- (A) 2 : 7
 (B) 7 : 2
 (C) 8 : 5
 (D) 14 : 5

$A : B = 3 : 2$
 $B : C = 8 : 5$
 $C : D = 7 : 6$

 $A : B : C : D =$

130. The length of diagonal of a cube is $4\sqrt{3}$ cm. Then the total surface area of the cube is

- (A) 96 cm²
 (B) 100 cm²
 (C) 16 cm²
 (D) 48 cm²

$a\sqrt{3} = 4\sqrt{3}$
 $a = 4$
 $6a^2 = 6 \times 4^2 = 96$

131. If the length of radius of a sphere is increased by 50% then its curved surface area will be increased by

- (A) 20%
 (B) 50%
 (C) 75%
 (D) 125%

$4\pi r^2$
 $4\pi (2r)^2$
 $= 16\pi r^2$
 $\frac{16\pi r^2 - 4\pi r^2}{4\pi r^2} = \frac{12\pi r^2}{4\pi r^2} = 3 = 300\%$

132. Arrangement of the numbers 1, $\sqrt[3]{4}$, $\sqrt{5}$, and $\sqrt[4]{12}$ in ascending order is

- (A) $\sqrt[3]{4}$, $\sqrt{5}$, $\sqrt[4]{12}$, 1
 (B) 1, $\sqrt{5}$, $\sqrt[4]{12}$, $\sqrt[3]{4}$
 (C) $\sqrt[4]{12}$, $\sqrt[3]{4}$, 1, $\sqrt{5}$
 (D) None of these

$1 < \sqrt[3]{4} < \sqrt[4]{12} < \sqrt{5}$

133. The area of an equilateral triangle is equal to the area of a square whose diagonal is $10\sqrt{3}$ cm. Then the area of the square drawn on a side of the triangle is

- (A) 150 cm²
 (B) $200\sqrt{3}$ cm²
 (C) $\frac{200\sqrt{3}}{3}$ cm²
 (D) None of these

$\frac{9A \times 2}{2A} = A$
 $\frac{A \times 2}{2} = A$

134. Which of the following countries is not a member of ASEAN ?

(A) Laos

(B) Vietnam

(C) Brunei

(D) India

135. Which Award is given for the conservation of Amphibians ?

(A) Edison Award

(B) Sabin Award

(C) Burtoni Award

(D) Emerald Award

136. Which one of the following is not Crypto currency in India ?

(A) Cardano

(B) Koruna

(C) Bitcoin

(D) Ethereum

137. On which Date 'Consumer Day' is celebrated every year ?

(A) 15th March

(B) 6th December

(C) 15th October

(D) 23rd April

138. Which State in India has both Eastern Ghats and Western Ghats ?

(A) Kerala

(B) Tamil Nadu

(C) Odisha

(D) Andhra Pradesh

139. The largest tribal community in India is

(A) Santhal

(B) Gonds

(C) Bhils

(D) Munda

140. Which one of the following is not included in 'PM CARES FOR CHILDREN' Scheme launched by Government of India ?

(A) Financial support of Rs.10 lakh for children

(B) Health insurance cover of Rs.5 lakh

(C) Educational Loan for Higher Education

(D) This Scheme is applicable to all children who have lost their parents due to HIV/AIDS also.

141. The official Journey of 'Azadi ka Amrit Mahotsav' commenced on

(A) March 12th, 2021

(B) August 5th, 2021

(C) August 15th, 2021

(D) January 26th, 2021

25
52
27
4

142. The symbol of 'Zero Discrimination Day' is

(A) Parrot

(B) Pigeon

(C) Butterfly

(D) Peacock

143. Which country overtook China to become India's top trading partner in the year 2021-22 ?

(A) UAE

(B) Spain

(C) USA

(D) Saudi Arabia

144. National Geographic Society has installed the 'World's highest Weather Station on Mount

(A) Kanchenjunga

(B) Everest

(C) Denali

(D) Kilimanjaro

145. The objective of 'PM KUSUM' scheme is

- (A) Crop insurance to farmers
- (B) Interest free crop Loans to farmers
- (C) Energy security to farmers
- (D) Fertilizer subsidy to farmers

146. The first Geological Park of India will be built in

- (A) Kodagu-Karnataka
- (B) Talala Gir-Gujarat
- (C) Idukki-Kerala
- (D) Lamheta-Jabalpur (MP)

147. 'Indian Technical and Economic Cooperation (ITEC)' is associated with which Ministry ?

- (A) Ministry of External Affairs
- (B) Ministry of Science and Technology
- (C) Ministry of Electronics and IT
- (D) Ministry of Finance

148. 'Sky Bridge 721' – world's longest suspension footbridge is in which country ?

- (A) Poland
- (B) Austria
- (C) Czech Republic
- (D) Slovakia

149. Rakhigarhi, which was seen in the news recently, is a Harappan site located in which State ?

- (A) Haryana
- (B) Gujarat
- (C) Madhya Pradesh
- (D) Punjab

150. What is the food-grain production target announced for crop year, 2022-23 ?

- (A) 278 million tonnes (B) 328 million tonnes
(C) 378 million tonnes (D) 428 million tonnes

151. As per RBI's recent notification, Card-less cash withdrawal is proposed through which platform ?

- (A) USSD
(B) Aadhar Enabled Payment System (AePS)
(C) Unified Payments Interface (UPI)
(D) Immediate Payment Service (IMPS)

152. What is main objective of the 'Sujalam 2.0 Campaign' ?

- (A) Ground Water Conservation (B) Greywater Management
(C) Rainwater Management (D) Flood Management

153. 'Vande Tripura', a recent initiative of the State of Tripura is meant for

- (A) Covid awareness (B) Tourism Revival
(C) Support to Farmers (D) Tele-Education

154. Which institution releases the 'State of World Population Report' ?

- (A) UNICEF (B) IMF
(C) UNFPA (D) World Bank

155. In which field has Balkrishna Vitthal Das Doshi been conferred the prestigious Royal Gold Medal, 2022 ?
- (A) Architecture (B) Music
(C) Science and Technology (D) Literature
156. Who is the author of the book "Listen to Your Heart : The London Adventure" ?
- (A) Stephen King (B) J. K. Rowling
(C) Danzy Senna (D) Ruskin Bond
157. The Armed Forces Special Powers Act (AFSPA) was last repealed in the State of Tripura in the year
- (A) 2015 (B) 1997
(C) 2021 (D) 2022
158. The TTAADC consists of how many unreserved constituency/constituencies ?
- (A) 03 (B) 05
(C) 10 (D) 01
159. The Constitution (Schedule Tribes) Order (Amendment) Bill, 2022 included the Darlong Community as a Sub-tribe of the
- (A) Kuki (B) Halam
(C) Ranglong (D) Tripuri
160. The Andaman and Nicobar Islands share a maritime boundary with which of the following countries ?
- (A) Thailand (B) Indonesia
(C) Both (A) and (B) (D) Neither (A) nor (B)

161. Operation SAMADHAN has been launched by MHA, Government of India for control of which of the following ?
- (A) Naxal problem (B) PFI activities
(C) Cyber crimes (D) Drug menace of the NE India
162. Which is the largest landlocked Country in the World ?
- (A) Afganisthan (B) Mongolia
(C) Kazakhstan (D) China
163. Who among the following is the recipient of the 2022 Padma Vibhusan Award in the field of civil services ?
- (A) General Bipin Rawat (B) Shri Nripendra Mishra
(C) Shri Tarun Gogoi (D) Shri Arun Jaitley
164. Name the most common disease transmitted to humans through cow's milk.
- (A) Smallpox (B) Tuberculosis
(C) Malaria (D) Milk fever
165. In tomato red colour is due to
- (A) Anthocyanin (B) Lycopene
(C) Xanthophylls (D) None of these
166. Potassium permanganate is used for purifying drinking water, because
- (A) it is a sterilizing agent
(B) it dissolves the impurities of water
(C) it is a reducing agent
(D) it is an oxidizing agent

167. Soda water contains

(A) Carbonic acid

(C) Acetic acid

(B) Formic acid

(D) Nitric acid

168. The chemical (Ethyl Mercaptan) added to the otherwise odourless LPG cooking gas for imparting a detectable smell to the gas is a compound of

(A) Bromine

(C) Chlorine

(B) Fluorine

(D) Sulphur

169. Which of the following is called Vitamin B₁₂?

(A) Niacin

(C) Cobalamin

(B) Pyridoxine

(D) Thiamine

170. Atmosphere consist of approximately 78 per cent Nitrogen and 21 per cent Oxygen by

(A) Volume

(C) Density

(B) Weight

(D) All of these

171. Which one of the following waves is used by the common TV remote control?

(A) Ultrasonic waves

(C) Lasers

(B) Infrared waves

(D) Radio waves

172. Cryogenics is a science dealing with

(A) High pressure

(C) Low temperature

(B) High temperature

(D) Low pressure

173. A rear-view mirror for driving is

- (A) Flat
(B) Convex
(C) Concave
(D) Inverted

174. Which one of the following categories of development projects does not require an Environmental Impact Assessment (EIA) Report ?

- (A) Category 'A' projects
(B) Category 'B₂' projects
(C) Category 'B₁' projects
(D) Category 'B₁' and 'B₂' projects

175. Relative Contribution (%) of the Greenhouse Gases to Global Warming in decreasing order

- (i) Carbon dioxide (ii) Methane (iii) CFC-12 (iv) Nitrous Oxide

Choose the correct answer from the options given below :

- (A) i > ii > iii > iv
(B) i > ii > iv > iii
(C) iii > i > iv > ii
(D) iii > i > ii > iv

176. In the two lists given below, List-I provides the list of Soil Horizons, while List-II indicates Layers. Match the two lists and choose the correct answer from the code given below :

| List - I (Soil Horizons) | List - II (Layers) |
|-----------------------------|-----------------------|
| 1. O | (i) Parent Rock |
| 2. A | (ii) Organic Matter |
| 3. B | (iii) Surface Soil |
| 4. C | (iv) Subsoil |

- (A) 1-(ii), 2-(iii), 3-(iv), 4-(i)
(B) 1-(i), 2-(ii), 3-(iii), 4-(iv)
(C) 1-(iii), 2-(iv), 3-(ii), 4-(i)
(D) 1-(iv), 2-(i), 3-(ii), 4-(iii)

177. Sorghum is a

- (A) C_3 plant
(B) C_4 plant
(C) CAM plant
(D) Perennial plant

178. High Juvenile mortality is the characteristic feature of

- (A) r - selected population
(B) k - selected population
(C) r - and k selected population
(D) None of these

179. What is the theme for World Environment Day, 2022 celebration ?

- (A) Think Eat Save
(B) Green Economy : Does it include you?
(C) Biodiversity
(D) Only One Earth

180. Which variety of wheat has been developed through induced mutation ?

- (A) Sarbati Sonara
(B) PR - 21
(C) Karan Vandana
(D) Karan Shriya

181. 'World Health Organisation (WHO) Global Centre for Traditional Medicine (GCTM) was recently inaugurated in whcih one of the following States ?

- (A) Gujarat
(B) Andhra Pradesh
(C) Maharashtra
(D) Kerala

182. Formation of mirage is a result of

- (A) Dispersion of light
(B) Reflection of light
(C) Scattering of light
(D) Total internal reflection of light

183. Under which Article of the Constitution of India, was the The Environment (Protection) Act, 1986, enacted ?

- (A) 249
(B) 254
(C) 248
(D) 253

184. Which of the following metal is present in chlorophyll ?

- (A) Magnesium
(B) Iron
(C) Sodium
(D) Beryllium

185. When light passes through a prism, it splits into it's component colours. This phenomenon is called

- (A) Spectrum
(B) Reflection
(C) Refraction
(D) Dispersion

186. In a hypertonic solution, RBC (Red Blood Cell)

- (A) swells
(B) maintains it's shape
(C) shrinks
(D) undergoes exo-osmosis

187. Noise pollution is measured in decibels. Sound becomes hazardous when noise pollution above

- (A) 30 db
(B) 80 db
(C) 100 db
(D) 120 db

188. In case of myopia, a person

- (A) can see near objects distinctly
- (B) can see the distant objects distinctly
- (C) can not see the near objects distinctly
- (D) None of the above

189. Pointing to a photograph of a lady, Vishal says, "She is the sister-in-law of my grandfather's (parental) daughter." How is the lady in the photograph related to Vishal?

- (A) Mother
- (B) Aunt
- (C) Sister
- (D) None of these

190. A watch reads 4:30. If the minute hand points East, in which direction will the hour hand point?

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

191. Which one of the given responses would be a meaning order of the following words?

- | | |
|--------------|-----------|
| 1. Butterfly | 2. Cocoon |
| 3. Egg | 4. Worm |
- (A) 1, 4, 3, 2
 - (B) 1, 3, 4, 2
 - (C) 2, 4, 1, 3
 - (D) 3, 4, 2, 1

192. A man is engaged for planting trees for 10 hours. He plants 10 trees in an hour. He takes rest for 30 minutes after every hour. How many trees does he plant in 10 hours ?
- (A) 100 (B) 50
(C) 70 (D) 45
193. Dhruva's birthday is on Sunday, 28th May. On what day of the week will be Ratna's birthday in the same year if Ratna was born on 19th October ?
- (A) Saturday (B) Wednesday
(C) Thursday (D) Sunday
194. Five people are sitting in a row facing you. Y is at the left of X, W is sitting at the right of Z, V is sitting at the right of X and W is sitting at the left of Y. If Z is sitting at one end who is in the middle ?
- (A) V (B) X
(C) Y (D) Z
195. Find the missing term of the series 0, 6, 24, 60, 120, 210 [?]
- (A) 240 (B) 290
(C) 336 (D) 504
196. One term in the following number series is wrong. Find out the wrong term.
196, 169, 144, 121, 101
- (A) 101 (B) 121
(C) 169 (D) 196
197. Which term comes next in the sequence AC, FH, KM, PR [?]
- (A) UW (B) VW
(C) UX (D) TV

198. Tennis is related to Court in the same way as Boxing is related to

(A) Pool

~~(B)~~ Ring

(C) Arena

(D) Course

199. Choose a word from the given alternatives that is similar to the given words and hence belongs to the same group.

Violet; Orange; Yellow

(A) Purple

(B) Blue

(C) White

~~(D)~~ Pink

200. Choose the odd numerical pair

(A) 2-8

(B) 3-27

~~(C)~~ 4-32

(D) 5-125.