TEST FORM NO. 8188737

REASONING

All sets were same. Only the order of the question numbers was different. We are providing you the first line of each question for your convenience

1. Choose the similar group of number on .....
   (C) (29, 17, 37)

2. A piece of paper is folded and cut as shown below in the question figures. ....
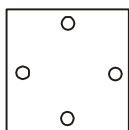
   (A)

Directions: in Questions nos.: find the odd number/letters/number pair from the given alternatives.

3. **(B) 1189**
4. **(C) mmm qqq ttt**
5. **(B) Tin**
6. **(D) Lotus**
7. **(D) HIUL**
8. **(A) (47, 49)**

Directions: In Question nos.: Select the missing number from the given responses.

9.

   (A) 68

10. 9   6   ?
    8   5   6
    7   4   3
    65   26   39
    (A) 7

11.

    (C) 19

12. Keeping her back towards the rising sun, Reshma starts walking. After a few....
    (D) North or South

13. Select the answer figure which is the.....

    (B)

Directions: In Questions nos. : Select the related word/letters/number from the given alternatives.

14. DHLPTX : BFJNRV : : CGKOSW : ?
    (C) AEIMQU

15. DCBA : WXYZ :: IJKL : ?
    (C) RQPO

16. hive : bee : : eyrie : ?
    (B) Eagle

17. 9 : 24 : : ? : 6
    (C) 3

18. STAR : RATS : : WARD : ?
    (B) DRAW

19. Arrange the following according to dictionary.
    (A) 2, 4, 3, 5, 1

20. Two horses A and B run at a speed of 3:2 ratio...................
    (A) 1

Directions: In Question nos.: 21 to 22 one or two statements is given followed by two conclusion I and II. You have to...............

21. **Statements:**
    (A) Some schools are Labor.........................
    (B) All Laboratories are ....
    Conclusion: (I) Some theatres are schools
    II. No School ....
    (B) Conclusion I follows.

22. **Statement:** Cactus plants ....
    Conclusion: I. All fleshy paints are.........................
    II. Cactus plants need ....
    (B) Only II follows

23. How many triangles are there in the following square?
    (A) 11

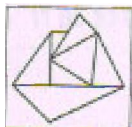**Directions: In Questions nos. : 24 to 25 which answer figure will complete the pattern ....**

24.
    (C)

25.
    (C)

26. Which one of the given responses would be a meaningful ....
    (D) 613452

27. If a represents ÷, b represents +, c represent – and ....
    (B) 17

28. If a mirror is placed on the line MN, then which of the answer figure is the right..........................

    (C)

29. In a language FIFTY is written as CACTY. CAR as POL, TAR as ....
    (C) TOLACC

**Directions: In Questions nos. 31 to 31, A series is given, with one/two term missing. Choose the correct alternative from ....**

30. 24, 35, 20, 31 16, 27, __ __
    (D) 12, 23

31. $7\frac{1}{7}, 8\frac{2}{6}, 9\frac{5}{5}$; ....

    (B) $\frac{50}{2}$

Directions In Questions nos. 32 to 33 from the alternative words, select the word which can not ....

32. CHARACTER
    (B) HEARTY

33. ADMINISTARATION
    (C) Minister

34. A man climbing up a wall of 24 meters high. He climbs 16 m on one day ....
    (B) 12.6m

35. AIRS
    (D) 43, 55, 86, 95

36. LANE
    (A) 31 87 32 97

37. Some equations are solved on the basis of certain ....
    (A) 192

38. If GOODNESS is coded as HNPCODTR, how GREATNESS can ....
    (B) HQFZUMFRT

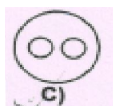39. Which is the correct image if the.............
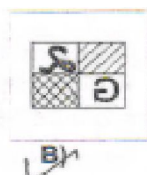
40. A circular sheet of paper is folded in particular manner, punched once and .....

41. Which of the following state the relationship between (Sociology, Psychology and Humanities)

42. From her home facing south west, Kavita walks 15m and turns northward and walks 12m. ....
    (A) 9m

43. Which figure best represents the relationship between (Editor, Newpaper and Journalist).
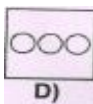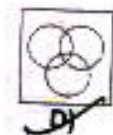

44. Change symbol and solve accordingly to find correct answer from the alternatives given below:
    (A) 12

Directions: In Questions nos. : 45 to 46 which one set of letters when sequentially placed at the gaps in the given ....

45. B_CCABB_CABBC_..........................
    (D) BCCB

46. LU_TUPLUBTU_LUBT_..........................
    (D) BPUL

47. Which Venn diagram truly represents (Teachers, Scholars, Students)

48. How many faces can you count in this 3..
    (B) 18

49. Two persons A and B get the same salary. Their ....
    (C) 12 : 11

50. From the given answer figures, select...........

    (B)

GENERAL KNOWLEDGE

51. The first law of thermodynamics is ..
    (D) The law of conservation of energy
52. Nitrogen in water is commonly found in..
    (A) Nitrate
53. Total internal reflection can not take .....
    (B) water to glass
54. Economies of a ....
    (D) An increase in its profits
55. Name the kingdom which first used elephants in wars?
    (A) Magadha
56. An electron microscope gives.....
    (D) The wavelength of electrons is smaller as compared ..
57. Aluminium salt commonly used to...
    (D) Potash alum
58. The fleshy thalamus is edible in
    (D) Apple
59. A reversible and an irreversible ......
    (D) The reversible engine is greater than the irreversible engine
60. The largest current, because of its ....
    (C) Kuroshio Current
61. The most abundant elements is
    (B) Oxygen
62. Who constructed Humayun's tomb in Delhi?
    (A) Haji Begam
63. The total number of planets ....
    (D) Eight
64. The forests which act as barriers ....
    (B) Mangrove forests
65. Who among the following Mughal.....
    (A) Aurangzeb
66. In a computer system, which device.......
    (D) Printer
67. Who among the following is named as "Haryana Hurricane"?
    (C) Kapil Dev
68. Interferons are synthesized in response to
    (A) Virus
69. In a solar or lunar eclipse, the region of earth's shadow is divided into
    (C) Two parts
70. A low interest policy is also known as:
    (D) investment policy
71. What does the word 'amphibian' means?
    (D) Two lives

72. If the Union Parliament is to ....
    (D) Rajya Sabha
73. Who was the governor-general ....
    (C) Warren Hastings
74. The States reorganization in 1956 ....
    (D) 14 States and 6 Union Territories
75. Which of the following is used in......
    (A) Chemotherapy
76. The largest forest which covers 25per......
    (A) Monsoon forest
77. Tulsidas wrote Ramcharitamanas...
    (A) Akbar
78. RAM is used as a short memory in A computer because it:
    (C) Is volatile
79. Name the attack victim who was...
    (D) Laxmi
80. Reservation for the Scheduled castes....
    (D) Article 335
81. Chemical name of Gammaxane is
    (D) Benzene hexachloride
82. Immunization technique was developed by
    (A) Edward Jenner
83. Mac Iver says 'Kinship ....
    (C) State
84. A clone is a group of individuals obtained through
    (B) Hybridisation
85. The Members of the Constituent ....
    (B) Elected by the Legislative Assemblies of various Provinces
86. Which one of the following chapters in ....
    (D) Part III
87. The hydrophilic nature of DNA is due to the presence of:
    (B) phosphate group
88. Regarding money supply situation in India it can be said that the:
    (C) Currency with the public is more than the deposits with the banks.
89. Government of India has decided to integrate _____with recent launched ....
    (D) Mahatma Gandhi
90. Red rot of sugar cane is caused by:
    (A) Colletotrichum falcatum
91. The equilibrium price of a commodity ....
    (B) increase in demand accompanied by a decrease in supply.

92. The resources which are obtained from bio sphere and have life are:
   (C) Biotic resources

93. Which Article of the India Constitution ......
   (B) Article 167

94. The market equilibrium for a commodity is determined by:
   (D) The balancing of the forces of demand and supply for the commodity

95. The founded of the 'Arya Samaj' was:
   (A) Dayananda Saraswati

96. Cripps Mission came to India in____.
   (D) 1942

97. To whom the President has to submit his resignation?
   (C) Vice President

98. Which of the following is the ....
   (A) Chile

99. Who among the following Sultans tried to prohibit sati?
   (D) Mohammad Bin Tughlaq

100. The sense of balance is achieved by:
   (A) Cerebellum equilibrium

101. If $x + (x/1) = 2$, then the value of $x^7 + (1/x^5)$
   (C) 2

102. The percent of less money spent on non plan than that on defense is-
   (D) 5%

103. If the total amount spent by the Government during the year was ` 10,000 crores....
   (C) ` 25,000 crore

104. The percent of excess money spent on Other than that on Sport is-
   (A) 25%

105. If the total amount spent by the Government during the year was ` 3,00,000 crores....
   (B) ` 30,000 crore

106. The percent of the total spending that is spent on health is-
   (B) 15%

107. $\sqrt{\dfrac{10 + \sqrt{25 + \sqrt{108 + \sqrt{154 + \sqrt{225}}}}}{\sqrt[3]{8}}}$

   (A) 2

108. The angle between the graph of the liner equation $239x \times 239y + 5 = 0$ .....
   (A) 45°

109. If in a triangle ABC, BE and CF are two medians perpendicular to each....
   (C) 13 cm

110. Percentage fall in value from 2000 to 2001
   (C) 75%
   Note:- Answer is 76% nearest value 75%

111. The difference between the bags exported in 1999 and 2000 was ?
   (B) 1,00,000,00

112. Value per bag was minimum in the years?
   (D) 1996

113. The approximate percentage increase in quantity from 1997 to 1998 was?
   (C) 26.9%
   Note:- Answer is **Calculated on value** then the result is 26.9%

114. If a shop-keeper purchases cashew nut at ` 250 per kg and sells it at ` 10...
   (D) 20%loss

115. A number is increased by x % : to get back to the original number, it is to be reduced by?
   (D) $\dfrac{100x}{100 + x}$ %

116. 2km 5m is equal to?
   (D) 2.005km

117. The simplified value of-
   (D) 5.996

118. If $\sin\theta + \sin\theta^2 = 1$, then the value of $\cos\theta^2 + \cos\theta^4$ is-
   (D) 1

119. Two cricles of radii 10cm and 8 cm interect and the length...
   (D) 13.3

120. If $3^{2x-y} = 3^{x+y} = \sqrt{27}$, then the value of 3^{x-y} will be?
   (D) $\sqrt{3}$

121. 12 monkey can eat 12 bananas in 12 minutes. In how many minutes can 4 monkeys eat 4 bananas?
   (B) 12

122. If α is an acute angle and $2\sin\alpha + 15\cos^2\alpha = 7$ then the value of $\cot\alpha$ is-
   (B) $\dfrac{3}{4}$
   Note:- Consider $\cos 2\alpha = \cos^2\alpha$

123. In a factory the production of cycles rose to 48.400 from 40.00 in 2 years. The rate of growth per annum is?
   (C) 10%

124. The perimeter of a sheet of paper in the shape of quadrant of a circle is 75cm. It's area would be ($\pi = 22/7$)
   (D) 346.5 cm²

125. The average of some natural numbers is 15. If 30 is added of first number and 5 is subtracted from the last number the average becomes 17.5 then the number of natural number is?
   (C) 10

126. From two points on the ground and lying on a straight line through........
   (C) 18
127. The smallest whole number that is to be multiplied with 59535....
   (B) 6
128. The perimeters of two similar triangles are 30cm and 20cm respectively.
   (C) 6cm
129. How many seconds will a train 120 meters long running at the rate of 36km/hr take to cross a bridge of 360 meters in length?
   (B) 48 sec
130. The ratio of the ages of A and B at present is 3:1...
   (D) 36 yrs
131. If $999x + 888y = 1332$
   $888x + 999y = 555$
   Then the value of $x + y$ is?
   (C) 1
132. 20 men can do a piece of work in 18 days....
   (C) 12
133. Provided sin (A–B) sinA cosB – cosA– sinB, then sin15° will be-
   (C) $\dfrac{\sqrt{3} - 1}{2\sqrt{2}}$
134. The diagonal of a quadrilateral shaped filed is 24m and the perpendiculars dropped on it.......
   (D) 252m²
135. A man born in the year 1896 A,D. If in the year x^2 A.D his age.....
   (D) 44
136. The term, that should be added to $(4x^2 + 8x)$ so that resulting expression be.
   (D) 4
137. The total surface area of a regular triangle pyramid...
   (D) $\sqrt{3}$ **cm²**
138. Incomes of x and y are in the ratio 4:3. Their expenditure....
   (C) ` **8000**
139. The shadow of a tower standing on a level plane is....
   (C) 20 $\left(3 + \sqrt{3}\right)$**m**
140. The number of paving stones each measuring 2.5m × 2m....
   (B) 105
141. The mean of x and $\dfrac{1}{x}$ is N. Then the
   (A) 2N² –1
142. The height of a triangle in increased by 10%. To retain the original....
   (C) $9\dfrac{1}{11}$**%**

143. A certain amount money earns Rs. 540 as simple interest in 3 years....
   (B) 2000
144. A man bought a watch at 25% discount on the original price. He got ` 40 more....
   (A) ` **800**
145. Two isosceles triangle have equal vertical angles....
   (A) 3 : 4
146. A Trader marks his goods 20% above cost price but allow his....
   (D) ` **200**
147. A fruit seller buys 240 apples are bad and are thrown away....
   (B) 5%
148. A bus moving at 40km per hour covers a distance in 6 hours 15 minutes...
   (B) 5hrs.
149. 'O' is the circumcentre of triangle ABC.....
   (A) 40°
150. If the base of right prism remains same and the lateral edges...
   (A) 50%

ENGLISH COMPREHENSION

Directions: In Questions nos.: 151 to 155 You have a passage with 5 questions. Read the passage ....
Passage
Research is a detailed study of a subject undertaken on a systematic basis in order to increase the stock of knowledge, including knowledge of man, culture and ....
151. Why is research conducted?
   (B) Research is conducted in order to verify information.
152. Choose the most appropriate answer from this passage.
   (A) Academic publishing is meant to benefit the general public.
153. How many kinds of research are there?
   (B) There are different kinds of research.
154. What is research?
   (C) Research is the creation of new forms of knowledge.
155. Select the answer which best reflects the view expressed in the passage.
   (D) Documentation is important in research.
Directions: In Questions nos.: 156 to 160 Four alternatives are given for the Idiom/Phrase underlined in the sentence. Choose the alternative which best expresses the meaning of Idiom/Phrase and mark it in the Answer Sheet.

156. The shopping mall is <u>a bee hive</u> of activity.
    (A) a busy place
157. <u>To win laurels</u>
    (C) To earn great prestige
158. The officer <u>was in the soup</u> when
    (A) to be in trouble
159. <u>To cut the Gordian Knot</u>
    (C) To perform a difficult task
160. We must <u>draw the line</u> somewhere
    (D) Fix a limit

Directions: In Questions nos.: 161 to 165 A part of the sentence is underlined. Below are ......

161. The workers should have been more <u>meticulous.</u>
    (C) Precise
162. The chickens in his farm <u>are fatted</u> up nicely.
    (A) are fattened
163. She is very <u>eccentric</u> woman.
    (D) No improvement
164. I was angry <u>at</u> myself ....
    (B) with
165. Torture and trauma has made her a <u>mental</u> patient.
    (A) Lunatic

Directions: In Questions nos.: 166 to 170 choose the word opposite in meaning to the given word and mark it in the Answer Sheet.

166. Tranquil
    (B) Disturbed
167. Enlarge
    (D) Condense
168. Unscrupulous
    (A) Conscientious
169. Vacillate
    (D) decide
170. Obsequious
    (B) domineering

Directions: In Question nos.: 171 to 175 Out of the four alternative, ...

171. Quarry
    (A) victim
172. Verisimilitude
    (D) authenticity
173. Conjecture
    (C) guess
174. Annihilate
    (C) Destroy
175. Interference
    (A) Obstruction

Directions: In Questions nos. 176 to 180 in the following passage some of the ....
Cloze Test

A team of India engineers ....(i)..... shown that digital photographs of the hand may .....(ii)..... cholesterol levels in the body and serve

176. **(C) (I) = Has**
177. **(D) (II) = Reveal**
178. **(C) (III) = Of**
179. **(B) (IV) = Refined**
180. **(B) (V) = Loaded**

Directions: In Questions nos.: 181 to 185 out of the four alternatives, choose the one ....

181. Artistic, musical, or dramatic interpretation
    (A) Rendition
182. A person who leaves his own country ....
    (A) Emigrant
183. That which cannot be avoided
    (D) Inevitable
184. Walking in sleep
    (B) Somnambulism
185. Showing a dislike of anything improper.
    (B) Prim

Directions: In Questions nos. 186 to 190 four words in each question, out ....

186. **(C) Aberrance**   187. **(C) Curiosity**
188. **(C) Antecedent**   189. **(A) Cemetery**
190. **(C) Ancestral**

Directions: In Question nos. 191 to 195 sentence given with the blanks to be filled in with an appropriate words)(s). ....

191. She was so _____ that she ....
    (D) talented, praised
192. The little boy ran _____ fast that ....
    (C) so, gasping
193. There were so many _____ points in ....
    (B) irrelevant, failed
194. The _____ of the 'Chief' ....
    (A) title, bestowed
195. He was so _____ at his job that ....
    (D) adept, demonstration

Directions: In Question nos.: 196 to 200 Some parts of the sentence have errors and some are correct. Find out ....

196. Everyone were happy to hear about his success.
    (D) Everyone were haapy
197. Our beloved Prime Minister is known to the ....
    (B) The prominent figures all over the world
198. Hearing these strange noises above, the thought at ....
    (B) Hearing these strange noises above
199. The team was now in the field and about to take their place
    (C) The team was
200. The lions kill the animals and eat his meat.
    (B) and eat his meal