

formed using the letters of the given word

CORRESPONDENT

- (1) SPEED (2) ORDER
 (3) SPOON (4) ARREST

85. From the following alternatives, select the word which can be formed using the letters of the given word

CONTROVERSY

- (1) RIVER (2) STORY
 (3) OTHER (4) YOURS

86. If B = 2, A = 1, M = 3, R = 5, E = 6, O = 7, the sum of the letters of which of the following words will give the highest number?

- (1) BORE (2) ROOM
 (3) MORE (4) RARE

Directions (87-88) : In each of the following questions, find the missing number from the given responses.

87.

4	8	10	320
2	?	3	180
9	6	4	216

- (1) 22
 (2) 30
 (3) 28
 (4) 20

88.

18	11	19
12	13	16
36	4	?

- (1) 36
 (2) 9
 (3) 35
 (4) 7

89. Lalit is elder than Prakash and Kishore, Mukesh is elder than

Rakesh but not as old as Lalit. Prakash is younger than Rakesh but is not the youngest. Who is the eldest?

- (1) Lalit
 (2) Mukesh
 (3) Rakesh
 (4) Kishore

90. John's house is 100 metre north of his uncle office. His uncle's house is located 200 metres west of his (uncle's) office. Kabir is the friend of John and he stays 100 metres east of John's house. The office of Kabir is located 100 metres south of his house. Then how far is his uncle's house from Kabir's office?

- (1) West (2) East
 (3) South (4) North

92. A house faces north. A man coming out of his house walked turned left and walked 25 metres. He then turned right and walked 5 metres and again turned right and walked 25 metres. How far is he from his house?

- (1) 15 metres
 (2) 55 metres
 (3) 60 metres
 (4) 65 metres

Directions (93-94) : In each of the following question, one or two statements are given followed by two conclusions I and II. You have to consider the statements to be true even if they seem to be at variance from

commonly known facts. You are to decide which of the given conclusions definitely follows from the given statements.

93. Statements

A room with flowers looks beautiful

Conclusions

- I. Flowers are grown for decoration of rooms
 - II. Room without flowers looks ugly
- (1) Only conclusion I follows
 - (2) Only conclusion II follows
 - (3) Both conclusions I and II follow
 - (4) Neither conclusions I nor conclusion II follows

94. Statements

All students are boys

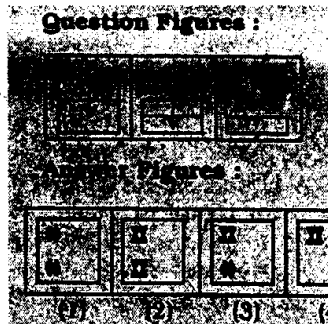
No boy is dull

Conclusions

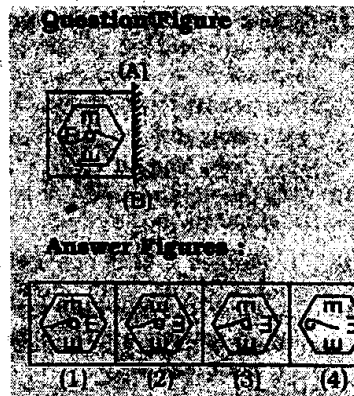
- I. There are no girls in the class
 - II. No student is dull
- (1) Only conclusion I follows
 - (2) Only conclusion II follows
 - (3) Both conclusion I and II follow
 - (4) Neither conclusions I nor conclusion II follows

95. A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how it

will appear when opened

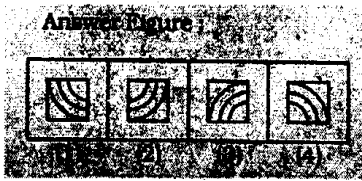


96. Which of the answer figures exactly the mirror image of the given figure, when the mirror is held on the line AB?

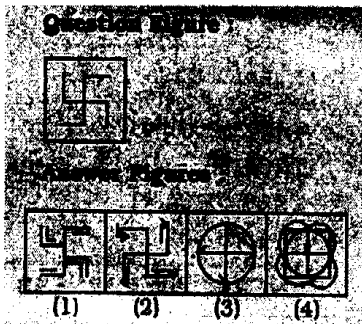


97. Which answer figure complete the pattern of the question figure?

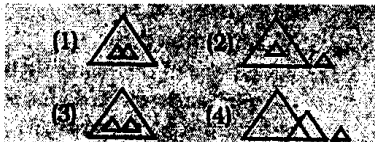




98. Select the answer figure in which the question figure is hidden/embedded



99. Which one of the following diagrams best depicts the relationship among Tiger, Lions and Animals ?



100. A word is represented by only one set of numbers as given in any one of the alternative. The sets of numbers given in the alternatives are represented by two classes of alphabets as shown in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be

represented first by its row and next by its column, e.g. 'H' can be represented by 14, 20, 42, etc. and 'D' can be represented by 59, 65, 86, etc. Identify the set for the word NAIL.

MATRIX-I

	0	1	2	3	4
0	R	H	E	L	I
1	I	E	L	R	H
2	H	L	R	I	E
3	E	R	I	H	L
4	L	I	H	E	R

MATRIX-II

	5	6	7	8	9
5	B	S	N	A	D
6	D	N	B	S	A
7	A	N	D	N	S
8	S	D	A	B	N
9	N	A	S	D	B

- (1) 57, 87, 01, 43
- (2) 59, 58, 10, 12
- (3) 89, 57, 04, 41
- (4) 95, 87, 32, 21

GENERAL AWARENESS

101. The preamble to our constitution makes no mention of
- (1) Justice
 - (2) Fraternity
 - (3) Equality of status
 - (4) Adult franchise
102. Which one of the following is the popularity elected house of the Indian Parliament ?
- (1) Rajya Sabha
 - (2) Lok Sabha

- (3) Lok Sabha as well as Rajya Sabha
 (4) None of the above
103. Which part of the constitution deals with the Directive Principles of State Policy ?
 (1) Part-III
 (2) Part-IV
 (3) Part-I
 (4) Part-II
104. Gandhiji was influenced by the writing of
 (1) Karl Marx
 (2) Thomas Hobbes
 (3) Charles Darwin
 (4) Leo Tolstoy
105. The methods of democratic socialism are
 (1) Revolution
 (2) General strike
 (3) Sabotage
 (4) Persuasion and propaganda
106. The number of oil refineries working in the State of Assam is
 (1) One
 (2) Two
 (3) Three
 (4) Four
107. Per capita income is equal to
 National income
 (1) $\frac{\text{National income}}{\text{Total population of the country}}$
 (2) National income + Population
 (3) National income – population
 (4) National income x population
108. Who appoints the Finance Commission ?
 (1) Finance Minister
 (2) Prime Minister
 (3) Speaker of the Lok Sabha
 (4) President
109. The Annapurna Scheme was implemented in the year
 (1) 1998
 (2) 1996
 (3) 1999
 (4) 2000
110. A favourable balance of trade of a country implies that
 (1) Imports are greater than exports
 (2) Exports are greater than imports
 (3) Both imports and exports are equal
 (4) Rising imports and falling exports
111. Major iron and steel industries are located in the plateau
 (1) Deccan
 (2) Malwa
 (3) Telangana
 (4) Chota Nagpur
112. The tallest and thickest type of grass is
 (1) Alfalfa
 (2) Fodder
 (3) Bamboo
 (4) Lichens
113. Which of the following rivers has its source outside India?
 (1) Brahmaputra
 (2) Beas
 (3) Ravi

- (4) Jhelum
114. Majuli, the largest river land in the world, lies in the state of
- (1) Arunachal Pradesh
 - (2) Assam
 - (3) Tripura
 - (4) Mizoram
115. Desertification can be checked by
- (1) Plugging gullies
 - (2) Checking over grazing
 - (3) Contour ploughing
 - (4) Forming shelter belts
116. Worship of Mother Goddess was associated with
- (1) Aryan Civilization
 - (2) Mediterranean Civilization
 - (3) Indus Valley Civilization
 - (4) Later Vedic Civilization
117. Alexander and Porus fought a battle at
- (1) Hydaspes
 - (2) Jhelum
 - (3) Panipat
 - (4) Tarain
118. The Battle of Haldighati was fought between
- (1) Akbar and Rana Sangram Singh
 - (2) Akbar and Medini Rai
 - (3) Akbar and Rana Pratap Singh
 - (4) Akbar and Uday Singh
119. The famous Peacock Throne of Shah Jahan was taken away in 1739 by
- (1) Afghan Invader Ahmed Shah Abdali
 - (2) Persian Invader Nadir Shah
 - (3) Mongol Invader Chengiz Khan
 - (4) British East India Company
120. Identify the Buddhist Literature from the following :
- (1) Tripitakas
 - (2) Upanishads
 - (3) Angas
 - (4) Aranyakas
121. The process of preventing the birds from flying is called
- (1) Brailing
 - (2) Debeaking
 - (3) Dubbing
 - (4) Pecking
122. The Vikram Sarabhi Space Centre is located at
- (1) Sriharikota
 - (2) Trivandrum
 - (3) Trombay
 - (4) Bangalore
123. The time period of a seconds pendulum is
- (1) 1 second
 - (2) 2 seconds
 - (3) 0.5 second
 - (4) 1.5 seconds
124. Lakes freeze in cold countries in winter, leaving the water underneath at
- (1) 0°C
 - (2) 0°F
 - (3) 4°C
 - (4) 4°F
125. Which one of the following determines the sharpness of

- image in a camera ?
- (1) The aperture
 - (2) The exposure time
 - (3) The focal length of the lens
 - (4) Size of the camera
126. Stainless steel is an alloy of
- (1) Chromium and carbon
 - (2) Chromium, carbon and iron
 - (3) Chromium and iron
 - (4) Carbon and iron
127. Veins seen in the leaves, serve the function of
- (1) Photosynthesis
 - (2) Transpiration
 - (3) Storage
 - (4) Conduction
128. The edible part of cabbage is
- (1) Fruit
 - (2) Condensed flower
 - (3) Vegetative bud
 - (4) Inflorescence
129. Which of the following processes are associated with plants during dark period ?
- (1) Photosynthesis and respiration
 - (2) Respiration and transpiration
 - (3) Transpiration and conduction
 - (4) Conduction and respiration
130. In MRI machine, which one of the following is used ?
- (1) Sound wave
 - (2) 'X'-ray
 - (3) Ultra-sound wave
 - (4) Magnetic wave
131. For a person having hypermetropia, the near point is
- (1) Greater than 25 cm
 - (2) Greater than 50 cm
 - (3) Less than 25 cm
 - (4) Infinity
132. Amount of water vapour in the atmosphere is measured in terms of
- (1) Humidity
 - (2) Droplets
 - (3) Smog
 - (4) All of the above
133. For generation of biogas, the materials commonly used are
- (1) Animal wastes
 - (2) Crop residues
 - (3) Aquatic plants
 - (4) Forest residues
134. The symbols used in an assembly language are
- (1) Codes
 - (2) Mnemonics
 - (3) Assembler
 - (4) Machine codes
135. The '.NOSHADDE' attributed in HTML
- (1) Defines the thickness of the line
 - (2) Displays the lines in red
 - (3) Displays the line in dark grey
 - (4) Displays the example in red
136. Who invented vaccination ?
- (1) James Simpson
 - (2) Edward Jenner
 - (3) Alexander Fleming
 - (4) Christian Barnard

137. Raw materials used for the manufacture of glass are
- (1) Sand, soda, limestone
 - (2) Sand, charcoal, soda
 - (3) Limestone, charcoal, sulphur
 - (4) Sand, sulphur, soda
138. Goiter is caused by the deficiency of
- (1) Iodine
 - (2) Chlorine
 - (3) Sodium
 - (4) Calcium
139. Which of the following is used in welding broken pieces of iron rails and machine parts ?
- (1) Aluminum sulphate
 - (2) Solder
 - (3) Aluminum powder
 - (4) None of the above
140. The total number of biosphere reserves present in India are
- (1) Eleven
 - (2) Ten
 - (3) Fifteen
 - (4) Twelve
141. The BOD values of water indicate the
- (1) Amount of organic debris
 - (2) Amount of oxygen used for biochemical oxidation
 - (3) Amount of oxygen used for biochemical reduction
 - (4) Amount of ozone used for biochemical oxidation
142. According to the census data released in July 2011, the fall in child sex ratio in rural areas as compared to urban areas is
- (1) Five times
 - (2) Four times
 - (3) Three times
 - (4) Two times
143. The objective of 'Jawahar Rojgar Yojna' is to
- (1) Provide employment to youth in rural areas
 - (2) Create employment opportunities for unemployed persons
 - (3) Strengthen the rural economic and social structure
 - (4) All of the above
144. Tummalapalle, where huge reserves of uranium have been found as announced by the Atomic Energy Commission in July, 2011, lies in the state of
- (1) Jharkhand
 - (2) Andhra Pradesh
 - (3) Tamil Nadu
 - (4) Gujarat
145. Surat is situated on the banks of the river
- (1) Tapti
 - (2) Mahanadi
 - (3) Bhima
 - (4) Godavari
146. The most densely populated State in India is
- (1) Uttar Pradesh
 - (2) Bihar
 - (3) West Bengal
 - (4) Haryana
147. The formula 1 Indian Grand

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|--|----------|----------|----------|----------|
| Prix was held on October 30, 2011 at | 29. (2) | 30. (4) | 31. (3) | 32. (1) |
| (1) Delhi proper | 33. (1) | 34. (3) | 35. (3) | 36. (4) |
| (2) Greater Noida | 37. (1) | 38. (2) | 39. (2) | 40. (3) |
| (3) Gurgaon | 41. (1) | 42. (2) | 43. (3) | 44. (2) |
| (4) Hyderabad | 45. (3) | 46. (1) | 47. (3) | 48. (1) |
| 148. Out of which of the following States is Nautanki, a folk dance? | 49. (4) | 50. (4) | 51. (4) | 52. (4) |
| (1) Haryana | 53. (2) | 54. (3) | 55. (2) | 56. (1) |
| (2) Uttar Pradesh | 57. (3) | 58. (3) | 59. (2) | 60. (2) |
| (3) Rajasthan | 61. (4) | 62. (1) | 63. (3) | 64. (4) |
| (4) Gujarat | 65. (4) | 66. (2) | 67. (1) | 68. (1) |
| 149. Guru Gopinath was an exponent of | 69. (2) | 70. (1) | 71. (4) | 72. (2) |
| (1) Kathak | 73. (3) | 74. (4) | 75. (3) | 76. (4) |
| (2) Kathakali | 77. (3) | 78. (2) | 79. (4) | 80. (2) |
| (3) Kuchipudi | 81. (3) | 82. (2) | 83. (2) | 84. (4) |
| (4) Bharatnatyam | 85. (2) | 86. (2) | 87. (2) | 88. (2) |
| 150. The Noble Prize for Physics for the year 2011 has been awarded to | 89. (1) | 90. (2) | 91. (1) | 92. (1) |
| (1) Saul Perimutter, Brian P. Schmidt and Adam G. Riess | 93. (4) | 94. (2) | 95. (1) | 96. (3) |
| (2) Bruce A. Beutler, Jules A. Hoffmann and Ralph M. Steinman | 97. (3) | 98. (4) | 99. (3) | 100. (4) |
| (3) Christopher A. Sims and Thomas J. Sargent | 101. (4) | 102. (2) | 103. (2) | 104. (4) |
| (4) Dan Schechtman | 105. (4) | 106. (4) | 107. (1) | 108. (4) |
| | 109. (4) | 110. (2) | 111. (4) | 112. (3) |
| | 113. (1) | 114. (2) | 115. (2) | 116. (3) |
| | 117. (1) | 118. (3) | 119. (2) | 120. (1) |
| | 121. (1) | 122. (2) | 123. (2) | 124. (3) |
| | 125. (1) | 126. (2) | 127. (2) | 128. (3) |
| | 129. (4) | 130. (4) | 131. (4) | 132. (1) |
| | 133. (1) | 134. (2) | 135. (3) | 136. (2) |
| | 137. (4) | 138. (1) | 139. (3) | 140. (3) |
| | 141. (2) | 142. (2) | 143. (4) | 144. (2) |
| | 145. (1) | 146. (2) | 147. (2) | 148. (2) |
| | 149. (2) | 150. (1) | | |

ANSWERS

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|---------|---------|---------|---------|
| 1. (1) | 2. (2) | 3. (2) | 4. (3) |
| 5. (2) | 6. (2) | 7. (1) | 8. (3) |
| 9. (2) | 10. (3) | 11. (1) | 12. (2) |
| 13. (1) | 14. (3) | 15. (2) | 16. (3) |
| 17. (1) | 18. (2) | 19. (4) | 20. (3) |
| 21. (2) | 22. (1) | 23. (3) | 24. (4) |
| 25. (1) | 26. (3) | 27. (2) | 28. (2) |