

GENERAL INTELLIGENCE & REASONING

Q.P. STUDY  
 HDG  
 Q.E.B

**Direction:** In questions no. 1 to 6, select the related word/letters/number from the given alternatives.

1. 25 : 625 :: 35 : ?  
 (A) 1575 (B) 1205 (C) 875 (D) 635 ✓
2. FILM : ADGH :: MILK : ?  
 (A) HEGF (B) ADGF  
 (C) HDGE (D) HDGF
3. 583 : 488 :: 293 : ?  
 (A) 581 (B) 291 (C) 378 (D) 487
4. UMPIRE : GAME :: ?  
 (A) Prodigy : wonder  
 (B) Chef : banquet  
 (C) Legislator : election  
 (D) Moderator : debate
5. HCM : FAK :: SGD : ?  
 (A) QEB (B) QIB (C) ESQ (D) GES
6. AHOP : CKSU :: BJMF : ?  
 (A) EZUQ (B) DMQK  
 (C) DQKM (D) CJWM
7. Arrange the following words as per order in the dictionary :  
 (i) Ambitious (ii) Ambiguous  
 (iii) Ambiguity (iv) Animation  
 (v) Animals  
 (A) (iii), (ii), (iv), (i), (v)  
 (B) (iii), (ii), (v), (iv), (i)  
 (C) (iii), (ii), (i), (v), (iv)  
 (D) (iii), (ii), (iv), (v), (i)

**Direction:** In questions no. 8 to 11, find the odd word/number/letters/number pair from the given alternatives.

8. (A) Zinc (B) Bronze  
 (C) Silver (D) Platinum
9. (A) MORV (B) CEHL  
 (C) CENT ✓ (D) JLOS
10. (A) 272 (B) 210 (C) 240 (D) 304
11. (A) RKD (B) UNG (C) MTF (D) SLE

12. Which one of the given responses would be a meaningful order of the following ?

- (i) Pupa (ii) Larva  
 (iii) Moth (iv) Eggs  
 (A) (iv), (ii), (i), (iii) (B) (iv), (i), (ii), (iii)  
 (C) (iv), (iii), (ii), (i) (D) (iv), (iii), (i), (ii)

13. Which one of the given responses would be a meaningful order of the following continents in ascending order of area ?

- (i) South America (ii) Africa  
 (iii) Europe (iv) Australia  
 (v) North America  
 (A) (ii), (i), (v), (iii), (iv)  
 (B) (ii), (v), (i), (iii), (iv)  
 (C) (ii), (v), (i), (iv), (iii)  
 (D) (ii), (i), (v), (iv), (iii)

**Direction:** In questions no. 14 to 21, a series is given, with one term missing. Choose the correct alternative from the given ones.

14. 2, 29, 38, 47, ?  
 (A) 59 (B) 56 (C) 52 (D) 58
15. 17, 43, 81, 131, ?  
 (A) 375 (B) 468 (C) 300 (D) 193
16. 
$$\begin{array}{ccc} 6 & 15 & 20 \\ 8 & 4 & 5 \\ 3 & 5 & 20 \\ \hline 51 & 65 & ? \end{array}$$
 (A) 12 (B) 56 (C) 120 (D) 51

17. 

|    |    |    |
|----|----|----|
| 16 | 25 | 9  |
| 36 | 64 | 81 |
| 10 | 13 | ?  |

 (A) 14 (B) 11 (C) 12 (D) 13

18. 5, 11, 23, 47, 95, ?  
 (A) 190 (B) 191 (C) 161 (D) 169

19. BEAG, DGCI, FIEK, ?  
 (A) HMIE (B) HKGM  
 (C) HGKJ (D) HKLJ

20. X, Q, K, F, ?  
 (A) E (B) B (C) C (D) D

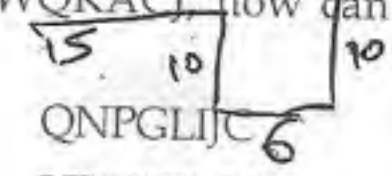
21. 

|   |   |    |      |
|---|---|----|------|
| 2 | 9 | 11 | 7    |
| 8 | 5 | 13 | -3   |
| 7 | ? | 10 | (-4) |
| 6 | 4 | 10 | ?    |

 (A) 3 and (-2) (B) (-3) and (-2)  
 (C) 3 and 2 (D) (-3) and 2



22. If MUSICAL is written as KWQKACI, how can SPRINKLE be written ?
- (A) QRBKCNJG (B) QNPGLIJC  
(C) QRPKLMJG (D) URTKPMNG
23. N is more intelligent than M. M is not as intelligent as Y. X is more intelligent than Y but not as good as N. Who is the most intelligent of all ?
- (A) N (B) X (C) M (D) Y
24. Ram and Sam start walking towards North and cover 20 metres. Ram turns to his left and Sam to his right. After sometime, Ram walks 10 metres, in the same direction in which he turned. On the other hand, Sam walks only 7 metres. Later, Ram turns towards his left and Sam to his right. Both walk 25 metres forward. How far is Ram from Sam now ?
- (A) 10 metres (B) 20 metres  
(C) 17 metres (D) 5 metres
25. A man travels 4 km due north, then travels 6 km due east and further travels 4 km due north. How far he is from the starting point ?
- (A) 6 km (B) 14 km  
(C) 8 km (D) 10 km



**Direction :** In questions no. 26 and 27, from the given alternatives select the word which cannot be formed using the letters of the given word.

26. COURAGEOUS
- (A) SECURE (B) ARGUE  
(C) COURSE (D) GRACE
27. SPECIFICATION
- (A) PACIFIC (B) FACTION  
(C) FAINTING (D) TONIC
28. Which of the following interchange of sign would make the given equation correct ?
- $(20 - 4) \times 4 + 16 = 36$
- (A) 16 and 6 (B)  $\div$  and +  
(C) + and - (D) 5 and 5
29. If WATER is written as YCVGT, then what is written as HKTG ?
- (A) IRFE (B) FIRE (C) REFI (D) ERIF

5 x 3 x 8 x 12

30. Ram cycled 10 km southward from his home turned right and cycled 6 km, turned right cycled 10 km, turned left and cycled 15 km. How many km will he have cycled to reach straight home ?
- (A) 10 km (B) 21 km  
(C) 16 km (D) 20 km
31. If 'P' means '+', 'Q' means 'x', 'R' means ' $\div$ ' and 'S' means '-', then :
- $44 Q 9 R 12 S 6 Q 4 P 16 = ?$
- (A) 36 (B) 124 (C) 25 (D) 112
32. A direction pole was situated on the Road Crossing. Due to an accident, the pole turned in such a manner that the pointer which was showing East, started showing South. Sita, a traveller went to the wrong direction thinking it to be West. In what direction actually she was travelling ?
- (A) North (B) West  
(C) East (D) South
33. Which of the following interchange of signs would make the given equation correct ?
- $5 + 3 \times 8 - 12 \div 4 = 3$
- (A) + and  $\div$  (B) + and -  
(C) - and  $\div$  (D) + and x
34. If - stands for addition,  $\div$  for multiplication, x for subtraction, and + for division, then which of the following is correct ?
- (A)  $25 \times 12 - 14 \div 4 + 6 = 16$   
(B)  $25 - 12 + 14 \div 2 \times 4 = 15$   
(C)  $25 - 15 + 5 \div 4 \times 16 = 21$   
(D)  $25 + 11 - 4 \div 10 \times 6 = 20$
35. There are 19 hockey players in a club. On a particular day, 14 were wearing the hockey shirts prescribed. None of them were without either hockey pants or shirts. Eleven were wearing the prescribed hockey pants. How many were in complete uniform ?
- (A) 7 (B) 8 (C) 6 (D) 9
36. If MEAT is written as TEAM, then BALE is written as :
- (A) ELAB (B) EABL  
(C) EBLA (D) EALB



(70 + 4) x 4 = 16

SPACE FOR ROUGH WORK

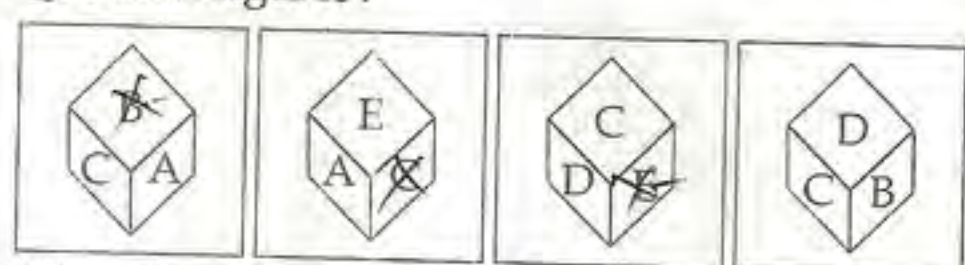
5 x 3 x 8 x 12



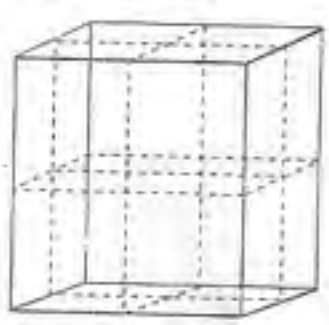
**Direction:** In questions no. 37 and 38, two statements are given followed by two conclusions I and II. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follow from the given statements.

37. **Statement I:** Some keys are locks, some locks are numbers.  
**Statement II:** All numbers are letters, all letters are words.  
**Conclusion I:** Some words are numbers.  
**Conclusion II:** Some locks are letters.  
 (A) Conclusion I follows  
 (B) Conclusion II follows  
 (C) Conclusion I and II follows  
 (D) None of the conclusion follows

38. **Statement I:** The constitution assures the fundamental rights.  
**Statement II:** Parliament has right to amend the constitution.  
**Conclusion I:** Parliament included fundamental rights in the constitution  
**Conclusion II:** Parliament did not assure the fundamental rights.  
 (A) Only conclusion I follows  
 (B) Only conclusion II follows  
 (C) Both conclusions I and II follows  
 (D) None of them

39. Four position of dice are given below. Which letter will be opposite to D?  
**Question figures:**
- 
- (A) D (B) A (C) B (D) C

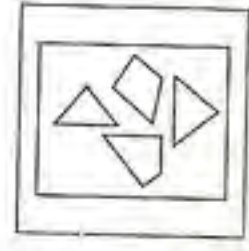
40. A cube which is painted red on the outer surface is of 2 inches height, 2 inches wide and 2 inches across. If it is cut into one-inch cubes as shown by dotted lines, indicate the number of cubes which are red on two sides?



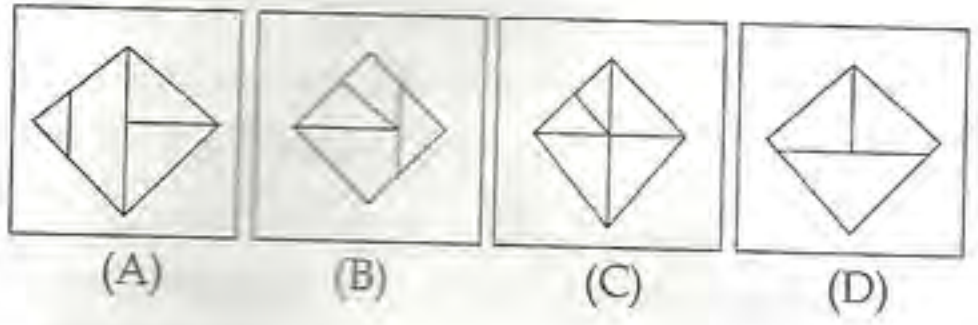
- (A) 8 (B) 0 (C) 4 (D) 6

41. Identify the response figure in which the figures given are found.

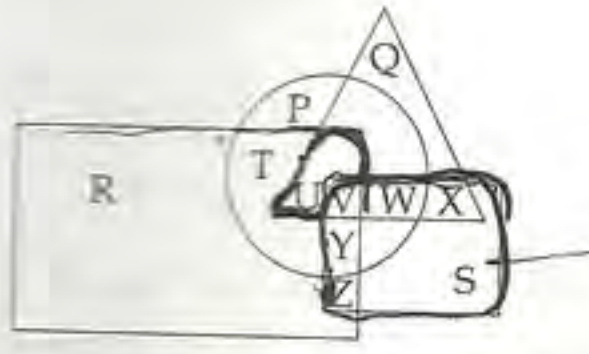
**Question figure:**



**Answer figures:**

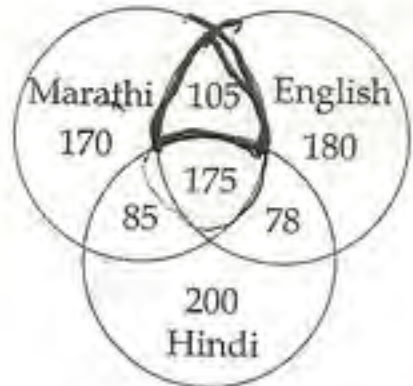


42. In the given figure, Circle represents persons having Car, triangle represents persons having Motor Cycle, square represents persons having Autorickshaws, rectangle represents persons having Cycle. Find the region where persons having Car, Motor Cycle, Cycle but not Autorickshaw.



- (A) X (B) U (C) V (D) W

**Direction:** In questions no. 43 and 44, study the following diagram carefully and answer the questions based on it.



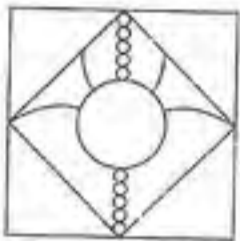
43. The diagram shows the survey on a sample of 1000 persons with reference to their knowledge of English, Hindi and Marathi. How many know all the languages?  
 (A) 78 (B) 175 (C) 105 (D) 85



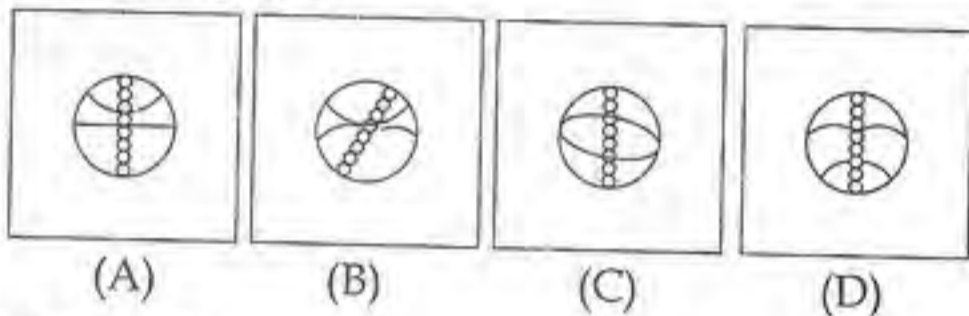
44. The diagram shows the survey on a sample of 1000 persons with reference to their knowledge of English, Hindi and Marathi. 105 people know \_\_\_\_\_ languages.
- (A) Marathi, Hindi  
 (B) English, Hindi  
 (C) Marathi, English  
 (D) Hindi, Marathi, English

**Direction:** In questions no. 45 and 46, which answer figure will complete the pattern in the question figure?

45. Question figure :



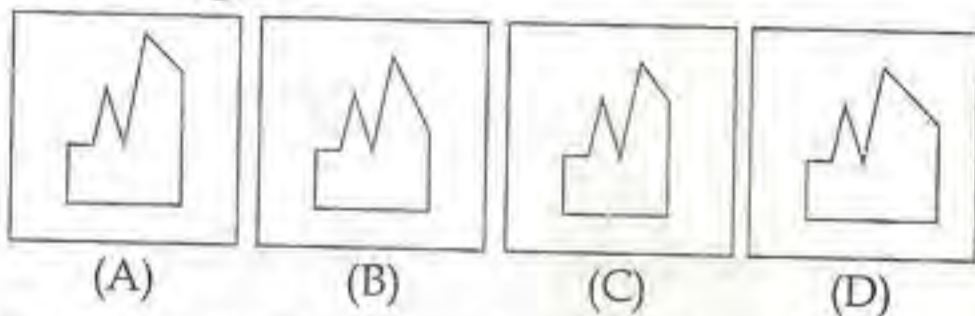
Answer figures :



46. Question figure :

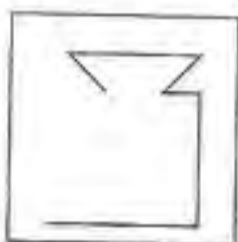


Answer figures :

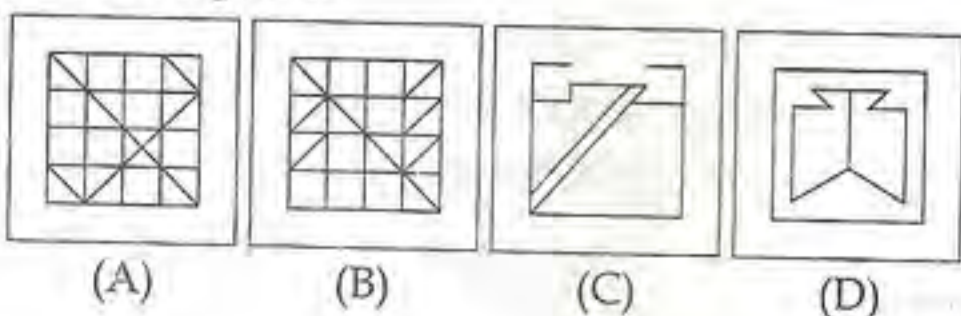


47. From the given answer figures, select the one in which the question figure is hidden/embedded.

Question figure :



Answer figures :



48. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as 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. 'N' can be represented by 02, 24, etc. and 'Q' can be represented by 56, 78 etc. Similarly, you have to identify the set for the word 'SPORTS' :

Matrix - I

|   |   |   |   |   |   |
|---|---|---|---|---|---|
|   | 0 | 1 | 2 | 3 | 4 |
| 0 | L | M | N | O | K |
| 1 | N | M | K | L | O |
| 2 | L | K | M | O | N |
| 3 | N | O | K | M | L |
| 4 | O | M | K | L | N |

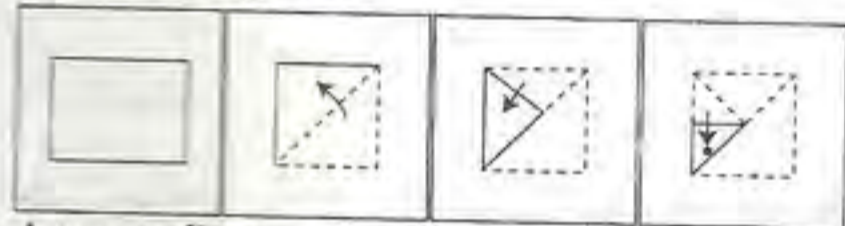
Matrix - II

|   |   |   |   |   |   |
|---|---|---|---|---|---|
|   | 5 | 6 | 7 | 8 | 9 |
| 5 | P | Q | R | S | T |
| 6 | Q | P | S | R | T |
| 7 | T | R | P | Q | S |
| 8 | R | P | S | Q | T |
| 9 | Q | P | S | R | T |

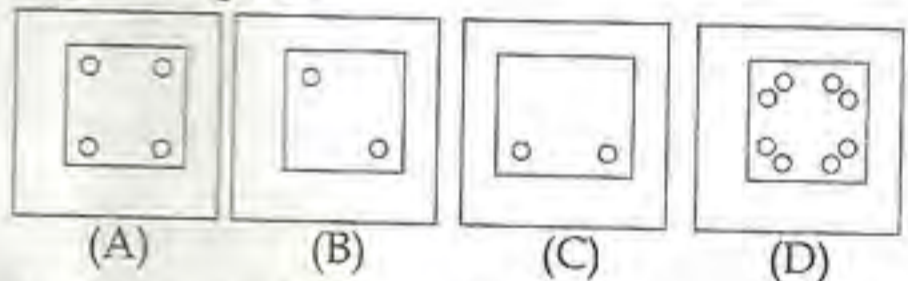
- (A) 24, 66, 40, 85, 89, 58  
 (B) 87, 20, 23, 85, 75, 67  
 (C) 67, 55, 31, 57, 69, 87  
 (D) 58, 77, 20, 85, 79, 97

49. A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.

Question figures :

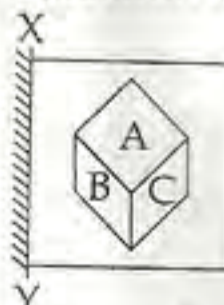


Answer figures :

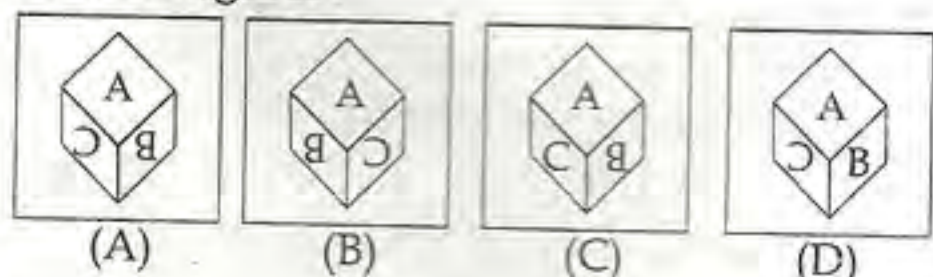


50. If a mirror is placed on the line XY then which of the answer figures is the right image of the given figure?

Question figure :



Answer figures :





## FOR VISUALLY HANDICAPPED CANDIDATES ONLY.

**Direction :** In questions nos. 39 and 40, select the related word/letters/number from the given alternatives.

39. XC : ZA :: MU :     ?

- |        |        |
|--------|--------|
| (A) NO | (B) OT |
| (C) OS | (D) BZ |

40. Birds : Flock :: Cows :     ?

- |          |           |
|----------|-----------|
| (A) Pack | (B) Kine  |
| (C) Kith | (D) Group |

**Direction :** In questions no. 41 and 42, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

41. 123, 6, 456, 15, 567,     ?,     ?

- |              |              |
|--------------|--------------|
| (A) 81, 9180 | (B) 81, 8910 |
| (C) 18, 8910 | (D) 18, 1098 |

42. ACB, DFE, GIH,     ?

- |         |         |
|---------|---------|
| (A) MNO | (B) LKJ |
| (C) JLK | (D) LMN |

**Direction :** In questions no. 43 to 45, find the odd word/number/letters from the given alternatives.

43. (A) SEAL (B) OSTRICH  
(C) DOLPHIN (D) PENGUIN

44. (A) XWZ (B) BAC  
(C) QPR (D) IHJ

45. (A) 81 (B) 49  
(C) 27 (D) 66

46. Which one of the given responses would be a meaningful order of the following ?

- |                            |                            |
|----------------------------|----------------------------|
| (i) Fish                   | (ii) Pterodactyl           |
| (iii) Amoeba               | (iv) Foliage               |
| (A) (ii), (iv), (iii), (i) | (B) (iv), (iii), (i), (ii) |
| (C) (iii), (ii), (i), (iv) | (D) (ii), (iii), (i), (iv) |

47. Find the missing term :

5, 16, 38, 71,     ?, 170

- |         |         |
|---------|---------|
| (A) 142 | (B) 128 |
| (C) 115 | (D) 137 |

48. There are two statements followed by two conclusions. You have to take the two given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the two given conclusions logically follows from the two given statements ?

**Statement I:** Some pots are rats.

**Statement II:** All rats are bricks.

**Conclusion I:** Some rats are bricks.

**Conclusion II:** All pots are not bricks.

- (A) Neither conclusion I nor II follows.  
(B) Only conclusion I follows.  
(C) Only conclusion II follows.  
(D) Either conclusion I or II follows.

49. From the given alternatives, select the word which **cannot** be formed using the letters given in the word?

SIMULTANEOUS

- |           |            |
|-----------|------------|
| (A) SNAIL | (B) MASTER |
| (C) TALES | (D) MOTELS |

50. If  $1*2 = 4$ ,  $2*3 = 24$ ,  $3*4 = 48$ , then, what will be  $5*6$  equal to ?

- |         |         |
|---------|---------|
| (A) 160 | (B) 80  |
| (C) 120 | (D) 140 |

SPACE FOR ROUGH WORK



GENERAL AWARENESS

51. Endosulfan spray on cashew crop resulted in the pollution to the tune of tragedy in :  
 (A) Karnataka (B) Tamil Nadu  
 (C) Kerala (D) Andhra Pradesh
52. Non Resident Indians (NRI) Day is marked on :  
 (A) January 19 (B) January 7  
 (C) January 9 (D) January 17
53. Which of the following is an endemic species ?  
 (A) Pink head duck (B) Nicobar pigeon  
 (C) Horn bill (D) Indian Rhino
54. Communication satellites are used to :  
 (A) provide information of natural resources only  
 (B) transmit communication signal only  
 (C) receive communication signal only  
 (D) receive and redirect communication signal
55. Indira Gandhi Prize for Peace, Disarmament and Development - 2012 was awarded to :  
 (A) Ellen Johnson Sirleaf  
 (B) Tereza Fajksova  
 (C) Sunita Williams  
 (D) Chanda Kochhar
56. Where are the Todas found ?  
 (A) Arunachal Pradesh  
 (B) Madhya Pradesh  
 (C) Tamil Nadu  
 (D) Rajasthan
57. Who gave the title of "Mahamana" to Madan Mohan Malviya ?  
 (A) Mahatma Gandhi  
 (B) Bal Gangadhar Tilak  
 (C) Dada Bhai Naurozi  
 (D) Gopal Krishna Gokhale
58. Hypothermia occurs due to loss of excessive heat from body due to sudden low body temperature in :  
 (A) Lizards (B) Snakes  
 (C) Frogs (D) Human beings
59. DPT vaccine is administered to prevent diseases like :  
 (A) Dengue, Polio and Tetanus  
 (B) Diphtheria, Pertussis and Typhoid  
 (C) Diphtheria, Pertussis and Tetanus  
 (D) Dengue, Pertussis and Typhoid
60. Blood is a :  
 (A) muscular tissue  
 (B) reproductive tissue  
 (C) connective tissue  
 (D) epithelial tissue
61. Who described the Government of India Act, 1935 as a new charter of bondage ?  
 (A) Pt. Jawaharlal Nehru  
 (B) B.R. Ambedkar  
 (C) Mahatma Gandhi  
 (D) Rajendra Prasad
62. Who of the following enjoys the rank of Cabinet Minister in Union Cabinet ?  
 (A) Political Advisor to PM  
 (B) Deputy Chairman of Planning Commission  
 (C) Judge of Supreme Court  
 (D) Secretary to Government of India
63. Expand the term IPCC :  
 (A) Intergovernmental Panel on Climate Change  
 (B) International Pollution Control Council  
 (C) International Panel of Climate Control  
 (D) Interim Panel of Climate Change
64. The disease that has been eradicated from the world is :  
 (A) Chicken pox (B) Small pox  
 (C) Leprosy (D) Poliomyelitis
65. Who wrote the book "Why Socialism" ?  
 (A) M.N. Roy  
 (B) Jayaprakash Narayan  
 (C) Mahatma Gandhi  
 (D) Acharya Narendra Dev
66. The percentage of nitrogen present in ammonium sulphate is :  
 (A) 30.5% (B) 18%  
 (C) 21% (D) 25%
67. The WISE Prize-2012, also known as the "Nobel Prize for Education" was conferred by the WISE Summit in Doha on :  
 (A) Dr. M.S. Swaminathan  
 (B) Dr. APJ Abdul Kalam  
 (C) Dr. Madhav Chavan  
 (D) Dr. Yash Pal



68. Who was not a politician ?  
 (A) J. Jayalalitha  
 (B) H.N. Bahuguna  
 (C) I.K. Gujral  
 (D) S.L. Bahuguna ✓
69. Of the following land uses, which is restricted to Special Economic Zones ?  
 (A) Marketing Centres  
 (B) Information Technology Companies  
 (C) Educational Institutions  
 (D) Free trade Centres ✓
70. India and Japan inked two agreements during November 2012 to enable Tokyo to import from India :  
 (A) Rubber based products  
 (B) Leather goods  
 (C) Rare earth minerals ✓  
 (D) Basmati type rice
71. Who was the Viceroy at the time of Quit India Movement ?  
 (A) Lord Lin Lithgow (B) Lord Irwin  
 (C) Lord Mountbatten (D) Lord Wavell
72. The hormone used as an oral contraceptive is :  
 (A) Testosterone (B) Aldosterone  
 (C) Cortisone (D) Progesterone
73. Pick out the correct match :  
 (A) Milk - Fibre and Minerals  
 (B) Egg yolk - Protein and Fat ✓  
 (C) Fleshy foods - Calcium and Protein  
 (D) Fish - Starch and Vitamin
74. Externality theory is the basic theory of the following branch of Economics :  
 (A) International Economics  
 (B) Macro Economics  
 (C) Environomics  
 (D) Fiscal Economics
75. Stains of rust on clothes can be removed by :  
 (A) Alcohol (B) H<sub>2</sub>O<sub>2</sub>  
 (C) Oxalic acid ✓ (D) Petrol

76. What is the first sermon of Buddha called as ?  
 (A) Kachchayanagottasutta  
 (B) Mahaparinirvansutta  
 (C) Brahmajalasutta  
 (D) Dhammachakkapabattanasutta
77. From which of the following banks did Madan Mohan Malaviya take loans for financing "The Hindustan Times" ?  
 (A) Bank of Baroda  
 (B) State Bank of India  
 (C) Punjab National Bank  
 (D) Bank of Maharashtra
78. "Whether I earned your vote or not, I have listened to you, I have learned from you. You have made me a better President", as said by :  
 (A) APJ Abdul Kalam  
 (B) Pranab Mukherjee  
 (C) Barack Obama ✓  
 (D) George Bush
79. Acceptable "Noise Pollution Level" in India range between :  
 (A) 70 - 100 dec (B) 10 - 15 dec  
 (C) 16 - 35 dec ✓ (D) 40 - 45 dec
80. First Hindu-American to enter in the US House of Representative as senator is :  
 (A) Ami Bera ✓  
 (B) Tulsi Gabbard  
 (C) Sunita Williams  
 (D) Jyoti Sengupta
81. Multi-purpose river valley projects are the "New temples of modern India".  
 The above statement is made by :  
 (A) Rajiv Gandhi  
 (B) Jawaharlal Nehru  
 (C) Motilal Nehru  
 (D) Mahatma Gandhi ✓
82. Which of the following is an impact printer ?  
 (A) Laser printer  
 (B) Daisy wheel-printer  
 (C) Ink-jet printer  
 (D) Bubble-jet printer
83. Ethanol containing 5% water is known as :  
 (A) Rectified spirit  
 (B) Absolute alcohol ✓  
 (C) Dilute alcohol  
 (D) Power alcohol
84. "Functional Finance" is associated with :  
 (A) Adams (B) Abba 'P' Lerner  
 (C) Adolph Wogner (D) Adam Smith



85. The eastward continuation of the Brazil current is called :  
 (A) West Atlantic drift  
 (B) North Atlantic drift  
 (C) South Atlantic drift  
 (D) Counter Equatorial drift
86. 'Farad' is the unit of :  
 (A) Resistance (B) Conductance  
 (C) Capacitance (D) Inductance
87. Steel is more elastic than rubber because it :  
 (A) is deformed very easily  
 (B) is harder than rubber  
 (C) requires larger deforming force  
 (D) is never deformed
88. Aung San Suu Kyi is a native to :  
 (A) Arunachal Pradesh  
 (B) Tibet  
 (C) China  
 (D) Myanmar
89. Identify the odd term amongst the following group :  
 (A) Microwaves  
 (B) Coaxial cable  
 (C) Optical fibre  
 (D) Twisted pair wire
90. Transboundary pollution (or) Acid rain is caused by :  
 (A) Hydrocarbon  
 (B) Nitrogen oxide and sulphur dioxide  
 (C) Carbon monoxide  
 (D) Carbon dioxide
91. The most powerful woman in business in India as rated by the "Fortune" for the year 2012 is :  
 (A) Anjali Bansal  
 (B) Chanda Kochhar  
 (C) Prabha Parameswaran  
 (D) Debjani Ghosh
92. The vacancy of the office of the President must be filled within :  
 (A) 1 month (B) 3 months  
 (C) 6 months (D) 12 months
93. In dicots the pollen-grains possess :  
 (A) four germ pores (B) one germ pore  
 (C) two germ pores (D) three germ pores
94. Diamonds are priced higher than water because :  
 (A) their total utility to buyers is higher than that of water.  
 (B) consumers do not buy them at lower prices.  
 (C) they are sold by selected firms with monopolistic powers.  
 (D) their marginal utility to buyers is higher than that of water.
95. Blood group was discovered by :  
 (A) Pavlov  
 (B) Alexander Fleming  
 (C) William Harvey  
 (D) Landsteiner
96. The "One Straw Revolution" was written by :  
 (A) Norman Borlaug  
 (B) Masanobu Fukuoka  
 (C) Richael Carlson  
 (D) M.S. Swaminathan
97. What type of information system would be recognised by digital circuits ?  
 (A) Only Roman system  
 (B) Hexadecimal system  
 (C) Binary system  
 (D) Both hexadecimal and binary system
98. The natural disaster in which carbon-di-oxide suddenly erupts from a deep lake water is known as \_\_\_\_\_ .  
 (A) Glacial (B) Liminic  
 (C) Lacaustrine (D) Fluvial
99. In which part of the Indian Constitution, the fundamental duties are enshrined ?  
 (A) V (B) IV (C) IVA (D) IVB
100. Who was the other Congress leader who joined with Motilal Nehru to start the Swaraj Party in 1923 ?  
 (A) M.K. Gandhi (B) G.K. Gokhale  
 (C) B.G. Tilak (D) Chittaranjan Das



QUANTITATIVE APTITUDE

25

101. Three sides of a triangular field are of length 15 m, 20 m and 25 m long respectively. Find the cost of sowing seeds in the field at the rate of 5 rupees per sq. m.  
 (A) 750 (B) 150 (C) 300 (D) 600
102. Value of  $(\tan 1^\circ \tan 2^\circ \tan 3^\circ \dots \tan 89^\circ)$  is:  
 (A) undefined (B) 0  
 (C) 1 (D) 89
103. A, B, C and D purchase a gift worth ₹ 60. A pays  $\frac{1}{2}$  of what others are paying, B pays  $\frac{1}{3}$ rd of what others are paying and C pays  $\frac{1}{4}$ th of what others are paying. What is the amount paid by D?  
 (A) 14 (B) 15 (C) 16 (D) 13
104. Mohan gets 3 marks for each correct sum and loses 2 marks for each wrong sum. He attempts 30 sums and obtains 40 marks. The number of sums solved correctly is:  
 (A) 25 (B) 10 (C) 15 (D) 20
105. The greatest common divisor of  $3^{333} + 1$  and  $3^{334} + 1$  is:  
 (A)  $3^{333} + 1$  (B) 20  
 (C) 2 (D) 1
106. If the lengths of the sides of a triangle are in the ratio 4 : 5 : 6 and the inradius of the triangle is 3 cm, then the altitude of the triangle corresponding to the largest side as base is:  
 (A) 10 cm (B) 8 cm  
 (C) 7.5 cm (D) 6 cm
107. The cost of manufacture of an article was ₹ 900. The trader wants to gain 25% after giving a discount of 10%. The marked price should be:  
 (A) ₹ 1000 (B) ₹ 1500  
 (C) ₹ 1250 (D) ₹ 1200
108. If  $a^2 + 1 = a$ , then the value of  $a^{12} + a^6 + 1$  is:  
 (A) 2 (B) 3 (C) -3 (D) 1
109. If  $x = a \sec \theta \cos \phi$ ,  $y = b \sec \theta \sin \phi$ ,  $z = c \tan \theta$ , then the value of  $\frac{x^2}{a^2} + \frac{y^2}{b^2} - \frac{z^2}{c^2}$  is:  
 (A) 9 (B) 0 (C) 1 (D) 4
110. A person distributes his pens among four friends A, B, C, D in the ratio  $\frac{1}{3} : \frac{1}{4} : \frac{1}{5} : \frac{1}{6}$ . What is the minimum number of pens that the person should have?  
 (A) 75 (B) 45 (C) 57 (D) 65
111. If  $\frac{\sec \theta + \tan \theta}{\sec \theta - \tan \theta} = \frac{5}{3}$ , then  $\sin \theta$  is equal to:  
 (A)  $\frac{2}{3}$  (B)  $\frac{3}{4}$  (C)  $\frac{1}{4}$  (D)  $\frac{1}{3}$
112. A man standing in one corner of a square football field observes that the angle subtended by a pole in the corner just diagonally opposite to this corner is  $60^\circ$ . When he retires 80 m from the corner, along the same straight line, he finds the angle to be  $30^\circ$ . The length of the field, in m, is:  
 (A) 20 (B)  $40\sqrt{2}$   
 (C) 40 (D)  $20\sqrt{2}$
113. If the median drawn on the base of a triangle is half its base, the triangle will be:  
 (A) obtuse-angled (B) equilateral  
 (C) right-angled (D) acute-angled
114. The average age of 14 girls and their teacher's age is 15 years. If the teacher's age is excluded, the average reduces by 1. What is the teacher's age?  
 (A) 29 years (B) 35 years  
 (C) 32 years (D) 30 years

-2



115. If  $a, b, c$  are non-zero,  $a + \frac{1}{b} = 1$  and  $b + \frac{1}{c} = 1$ , then the value of  $abc$  is :  
 (A)  $-3$  (B)  $1$  (C)  $-1$  (D)  $3$

$\frac{a+b}{ab} = 1$   
 $\frac{b+c}{bc} = 1$   
 $\frac{c+a}{ca} = 1$   
 $\frac{a+b+c}{abc} = 1$   
 $\frac{a+b+c}{abc} = \frac{abc}{abc}$   
 $a+b+c = 1$   
 $a+b+c = 1$   
 $a+b+c = 1$   
 $a+b+c = 1$

116. The value of a machine depreciates every year at the rate of 10% on its value at the beginning of that year. If the current value of the machine is ₹ 729, its worth 3 years ago was :  
 (A) ₹ 947.10 (B) ₹ 800  
 (C) ₹ 1000 (D) ₹ 750.87

117. Find the maximum number of trees which can be planted, 20 metres apart, on the two sides of a straight road 1760 metres long.  
 (A) 174 (B) 176 (C) 180 (D) 178

118. Two circles of same radius 5 cm, intersect each other at A and B. If  $AB = 8$  cm, then the distance between the centres is :  
 (A) 10 cm (B) 4 cm  
 (C) 6 cm (D) 8 cm

119. The curved surface area and the total surface area of a cylinder are in the ratio 1 : 2. If the total surface area of the right cylinder is  $616 \text{ cm}^2$ , then its volume is :  
 (A)  $1632 \text{ cm}^3$  (B)  $1078 \text{ cm}^3$   
 (C)  $1232 \text{ cm}^3$  (D)  $1848 \text{ cm}^3$

120. If  $a + b + c = 0$ , then the value of  
 $\left(\frac{a+b}{c} + \frac{b+c}{a} + \frac{c+a}{b}\right) \left(\frac{a}{b+c} + \frac{b}{c+a} + \frac{c}{a+b}\right)$   
 is :  
 (A) 9 (B) 0 (C) 8 (D)  $-3$

121. The arithmetic mean of the scores of a group of students in a test was 52. The brightest 20% of them secured a mean score of 80 and the dullest 25%, a mean score of 31. The mean score of remaining 55% is :  
 (A) 54.6% approx. (B) 45%  
 (C) 50% (D) 51.4% approx.

122. If  $\cos x + \cos^2 x = 1$ , the numerical value of  $(\sin^{12} x + 3\sin^{10} x + 3\sin^8 x + \sin^6 x - 1)$  is :  
 (A) 0 (B) 1 (C)  $-1$  (D) 2

123. ABCD is a rhombus. AB is produced to F and BA is produced to E such that  $AB = AE = BF$ . Then :  
 (A)  $ED^2 + CF^2 = EF^2$  (B)  $ED \parallel CF$   
 (C)  $ED > CF$  (D)  $ED \perp CF$

124. If  $x \neq 0, y \neq 0$  and  $z \neq 0$  and  
 $\frac{1}{x^2} + \frac{1}{y^2} + \frac{1}{z^2} = \frac{1}{xy} + \frac{1}{yz} + \frac{1}{zx}$ , then the relation among  $x, y, z$  is :  
 (A)  $\frac{1}{x} + \frac{1}{y} + \frac{1}{z} = 0$  (B)  $x = y = z$   
 (C)  $x + y + z = 0$  (D)  $x + y = z$

125. Two pipes, P and Q can fill a cistern in 12 and 15 minutes respectively. If both are opened together and at the end of 3 minutes, the first is closed, how much longer will the cistern take to fill ?  
 (A)  $8\frac{1}{4}$  minutes (B)  $8\frac{3}{4}$  minutes  
 (C) 5 minutes (D)  $8\frac{1}{2}$  minutes

126. If  $x^2 + y^2 + z^2 = 2(x - y - z) - 3$ , then the value of  $2x - 3y + 4z$  is [ Assume that  $x, y, z$  are all real numbers ] :  
 (A) 3 (B) 0 (C) 9 (D) 1

127. The square root of  $33 - 4\sqrt{35}$  is :  
 (A)  $\pm(\sqrt{7} - 2\sqrt{5})$  (B)  $\pm(2\sqrt{7} - \sqrt{5})$   
 (C)  $\pm(2\sqrt{7} + \sqrt{5})$  (D)  $\pm(\sqrt{7} + 2\sqrt{5})$

128. In a  $\Delta ABC$ ,  $\angle A : \angle B : \angle C = 2 : 3 : 4$ . A line CD drawn  $\parallel$  to AB, then the  $\angle ACD$  is :  
 (A)  $80^\circ$  (B)  $20^\circ$  (C)  $40^\circ$  (D)  $60^\circ$



129. If  $a * b = a + b + \frac{a}{b}$ , then the value of  $12 * 4$  is :  
 (A) 48 (B) 19 (C) 20 (D) 21
130. A, B, C walk 1 km in 5 minutes, 8 minutes and 10 minutes respectively. C starts walking from a point, at a certain time, B starts from the same point 1 minute later and A starts from the same point 2 minutes later than C. Then A meets B and C at times.  
 (A) 2 min, 3 min (B)  $\frac{4}{3}$  min, 3 min  
 (C)  $\frac{5}{3}$  min, 2 min (D) 1 min, 2 min
131. The price of sugar having gone down by 10%, a consumer can buy 5 kg more sugar for ₹ 270. The difference between the original and reduced price per kg is :  
 (A) 62 paise (B) 60 paise  
 (C) 75 paise (D) 53 paise
132. A person observed that he required 30 seconds less time to cross a circular ground along its diameter than to cover it once along the boundary. If his speed was 30 m / minute, then the radius of the circular ground is (Take  $\pi = \frac{22}{7}$ ):  
 (A) 10.5 m (B) 3.5 m  
 (C) 5.5 m (D) 7.5 m
133. ABC is an isosceles triangle with  $AB = AC$ . A circle through B touching AC at the middle point intersects AB at P. Then  $AP : AB$  is :  
 (A) 3 : 5 (B) 1 : 4 (C) 4 : 1 (D) 2 : 3
134. A contractor undertook to finish a certain work in 124 days and employed 120 men. After 64 days, he found that he had already done  $\frac{2}{3}$  of the work. How many men can be discharged now so that the work may finish in time ?  
 (A) 40 (B) 50 (C) 48 (D) 56
135. The radius of the circumcircle of a right angled triangle is 15 cm and the radius of its inscribed circle is 6 cm. Find the sides of the triangle.  
 (A) 30, 24, 25 (B) 24, 36, 30  
 (C) 30, 40, 41 (D) 18, 24, 30
136. If  $a \sin \theta + b \cos \theta = c$  then the value of  $a \cos \theta - b \sin \theta$  is :  
 (A)  $\pm \sqrt{a^2 - b^2 - c^2}$   
 (B)  $\pm \sqrt{a^2 - b^2 + c^2}$   
 (C)  $\pm \sqrt{-a^2 + b^2 + c^2}$   
 (D)  $\pm \sqrt{a^2 + b^2 - c^2}$
137. The marked price of a watch was ₹ 720. A man bought the same for ₹ 550.80 after getting 2 successive discounts, the 1<sup>st</sup> being 10%. What was the 2<sup>nd</sup> discount ?  
 (A) 18% (B) 12% (C) 14% (D) 15%
138. A person bought two bicycles for ₹ 1600 and sold the first at 10% profit and the second at 20% profit. If he sold the first at 20% profit and the second at 10% profit, he would get ₹ 5 more. The difference of the cost price of the two bicycle was :  
 (A) ₹ 25 (B) ₹ 75  
 (C) ₹ 50 (D) ₹ 40
139. A sum of money is sufficient to pay A's wages for 21 days and B's wages for 28 days. The same money is sufficient to pay the wages of both for :  
 (A)  $24 \frac{1}{2}$  days (B) 12 days  
 (C)  $12 \frac{1}{4}$  days (D) 14 days





140. Each of the two circles of same radius  $a$  passes through the centre of the other. If the circles cut each other at the points A and B and O, O' be their centres, area of the quadrilateral AOBO' is :

- (A)  $\frac{1}{4} a^2$  (B)  $\frac{1}{2} a^2$   
 (C)  $\frac{\sqrt{3}}{2} a^2$  (D)  $a^2$

141. A swimmer swims from a point A against a current for 5 minutes and then swims backwards in favour of the current for next 5 minutes and comes to the point B. If AB = 100 metres, the speed of the current (in km per hour) is :

- (A) 1 (B) 0.6 (C) 0.4 (D) 0.2

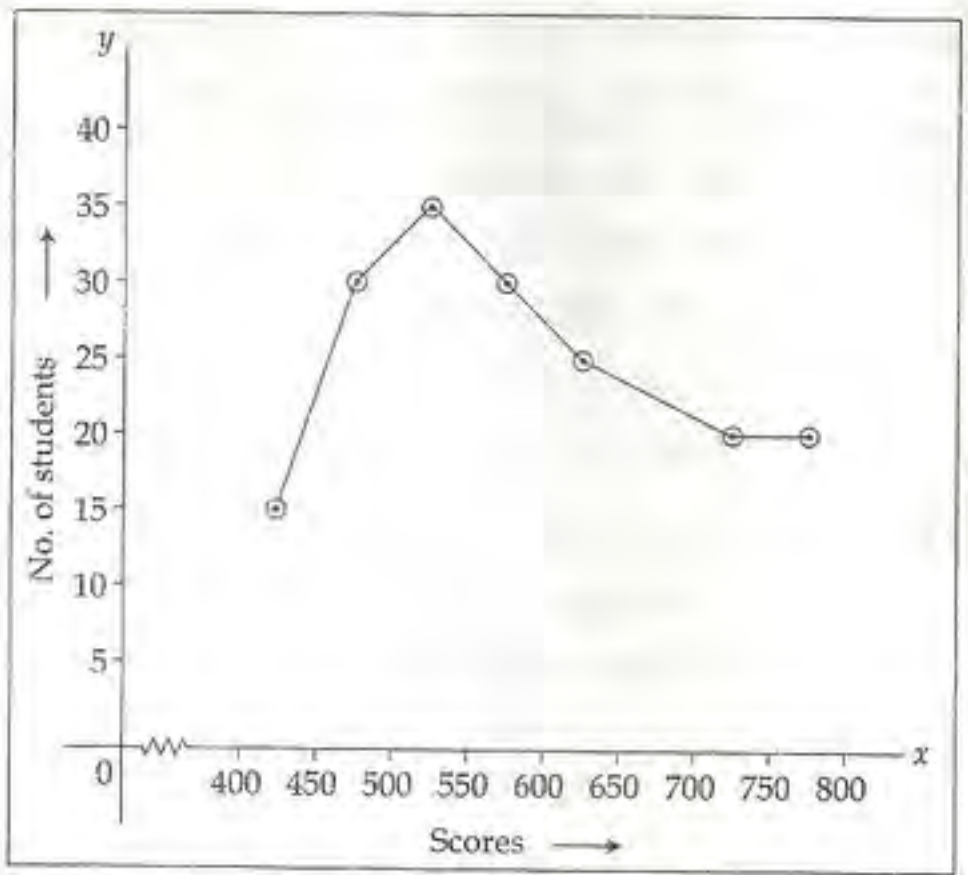
142. Taking any three of the line segments out of segments of length 2 cm, 3 cm, 5 cm and 6 cm, the number of triangles that can be formed is :

- (A) 1 (B) 4 (C) 3 (D) 2

143. Arvind purchased a wrist watch with 30% discount on the labelled price. He sold it with 40% profit on the price he bought. What was his percent loss on the labelled price ?

- (A) 4 (B) 8 (C) 2 (D) 6

144. The adjoining diagram is frequency polygon for the scores of students in a test. What is the total number of students appeared in the test ?



- (A) 250 (B) 150 (C) 180 (D) 200

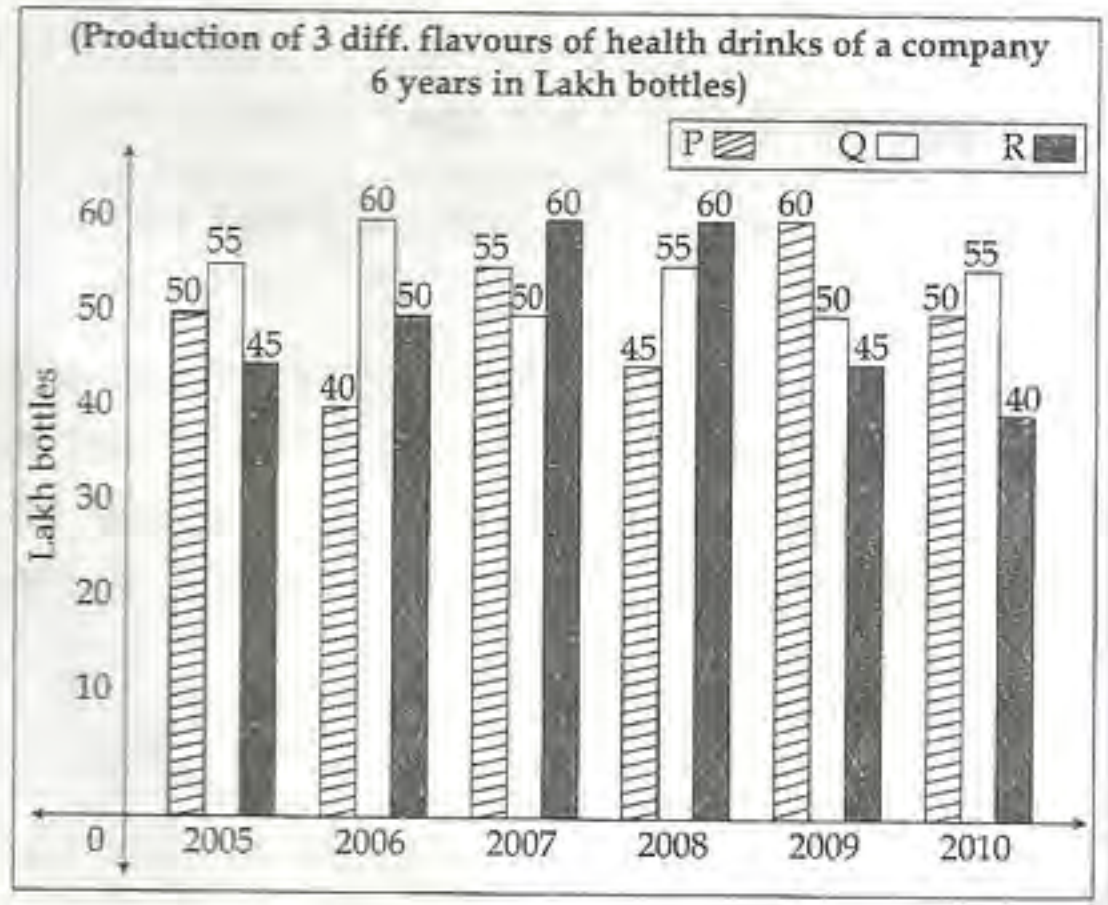
145. The table given below shows production of five types of cars by a company from the year 1998 to 2003. Study the table and answer question.

| Years → | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | Total |
|---------|------|------|------|------|------|------|-------|
| Types ↓ |      |      |      |      |      |      |       |
| P       | 10   | 18   | 16   | 15   | 11   | 18   | 88    |
| Q       | 14   | 12   | 13   | 12   | 11   | 14   | 76    |
| R       | 16   | 20   | 14   | 13   | 15   | 12   | 90    |
| S       | 5    | 8    | 12   | 14   | 20   | 31   | 90    |
| T       | 26   | 18   | 24   | 20   | 23   | 21   | 132   |
| Total   | 71   | 76   | 79   | 74   | 80   | 96   | 476   |

In which year the production of cars of all types taken together was approximately equal to the average of the total production during the period :

- (A) 2002 (B) 1998 (C) 1999 (D) 2000

A health drink company prepares the drinks of 3 different flavours P, Q, R. The production of 3 flavours over a period of six years has been expressed on bar graph provided below. Study the graph and answer the questions from 146 to 150.



146. What was the approximate decline in the production of flavour R in 2010 as compared to the production of 2008 in percentage ?

- (A) 30.33% (B) 53.33%  
 (C) 43.33% (D) 33.33%



147. The average annual production of which flavour was maximum in the given period ?  
 (A) P and R both (B) P only  
 (C) P and Q both (D) Q only
148. The percentage of the total production of flavour R in 2007 and 2008 with respect to the production of flavour P in 2005 and 2006 :  
 (A) 133.33% (B) 97.67%  
 (C) 102.25% (D) 115.35%

149. What is the difference between the average production of flavour Q in 2008, 2009 and 2010 from that of flavour P in 2005, 2006 and 2007 in lakh bottle is :  
 (A) 5.5 (B) 5  
 (C) 50 (D) 0.5
150. In which of the following years the percentage of rise or fall in production from the previous year is maximum for the flavour of Q ?  
 (A) 2010 (B) 2006  
 (C) 2007 (D) 2009

**FOR VISUALLY HANDICAPPED CANDIDATES ONLY.**

144. Which number should replace both the asterisks in  $\left(\frac{21}{*}\right) \times \left(\frac{189}{*}\right) = 1$  ?  
 (A) 467 (B) 21  
 (C) 63 (D) 189
145. If  $a + b + c, p \neq 0$  and  $(a + b + c)p = (b + c - a)q = (c + a - b)r = (a + b - c)s$  then  $\frac{1}{q} + \frac{1}{r} + \frac{1}{s} - \frac{1}{p}$  is :  
 (A)  $a + 2b + 3c$  (B) 1  
 (C) -1 (D) 0
146. A sells a bicycle to B at a profit of 20%. B sells it to C at a profit of 25%. If C pays ₹ 225 for it, the cost price (in ₹) of the bicycle for A is :  
 (A) 150 (B) 110  
 (C) 120 (D) 125
147. A rat takes 5 leaps for every 4 leaps of cat, but 3 leaps of the cat are equal to 4 leaps of the rat. What is the ratio of the speed the rat to that of the cat ?  
 (A) 15 : 16 (B) 11 : 15  
 (C) 15 : 11 (D) 16 : 15

148. The mean temperature from Monday to Wednesday was 37°C and from Tuesday to Thursday was 34°C. If the temperature on Thursday was 4/5 th that of Monday, the temperature on Thursday was :  
 (A) 37°C (B) 34°C  
 (C) 35°C (D) 36°C
149. The distance between two towns is 800 km. A car starts from the first town with a speed of 30 km/hr. At the same time, another car starts from the second town with a speed of 50 km/hr. The distance (in km) of the point where they meet from the first town is :  
 (A) 500 (B) 200  
 (C) 300 (D) 400
150. A buys an article for ₹ 1600 and gets two successive discounts of 20% and 10%. He spends 20% on its repairs and sells at a profit of 25%. The selling price of the article is :  
 (A) ₹ 1728 (B) ₹ 2030  
 (C) ₹ 1850 (D) ₹ 1690



ENGLISH COMPREHENSION

**Directions :** In question numbers 151 to 155, some parts of the sentences have errors and some are correct. Find out which part of a sentence has an error and blacken the oval [●] corresponding to the appropriate letter (A, B, C). If a sentence is free from error, blacken the oval corresponding to (D) in the Answer Sheet.

151. The cruel lady made / her step-daughter to do /  
 (A) (B)  
all the household chores. / No Error.  
 (C) (D)
152. My sister asked me / that how long /  
 (A) (B)  
I would stay there. / No Error.  
 (C) (D)
153. The teacher, as well as the students, /  
 (A)  
have gone on an excursion /  
 (B)  
to Ooty during their summer vacation. / No Error.  
 (C) (D)
154. The US / don't want / India in the Security Council. /  
 (A) (B) (C)  
No Error.  
 (D)
155. You can eat / as much as you like /  
 (A) (B)  
at the newly lunch bar. / No Error.  
 (C) (D)

**Directions :** In question numbers 156 to 160, sentences are given with blanks to be filled with an appropriate word(s). Four alternatives are suggested for each question. Choose the correct alternative out of the four and indicate it by blackening the appropriate oval [●] in the Answer Sheet.

156. He was assured by his friends \_\_\_\_\_ every type of help in an emergency.  
 (A) with (B) about  
 (C) by (D) of
157. Our monthly expenditure \_\_\_\_\_ by five hundred rupees when we decided to buy milk from the milkman.  
 (A) lifted up (B) grew up  
 (C) shot up (D) got up
158. \_\_\_\_\_ the people looked well enough, but when one looked more closely one saw that their faces were filled with despair.  
 (A) On first sight  
 (B) At first sight  
 (C) At first looking  
 (D) At first observation
159. The work \_\_\_\_\_, he left his office.  
 (A) on being finished  
 (B) having been over  
 (C) having completed  
 (D) having been completed
160. He was not a man \_\_\_\_\_ intelligence.  
 (A) absent of (B) empty of  
 (C) lacking of (D) devoid of

**Directions :** In question numbers 161 to 163, out of the four alternatives, choose the one which best expresses the meaning of the given word and mark it in the Answer Sheet.

161. Advocate :  
 (A) determine (B) predict  
 (C) pronounce (D) support
162. Preamble :  
 (A) introduction (B) definition  
 (C) mediation (D) conclusion
163. Students are asked to collate for an important programme by the principal.  
 (A) prescribe (B) assemble  
 (C) describe (D) narrate



Directions: In question numbers 164 to 166, choose the word opposite in meaning to the given word and mark it in the Answer Sheet.

164. Accolade:  
 (A) decorate (B) permeate  
 (C) blame (D) reticent
165. Ambiguous:  
 (A) simple (B) easy  
 (C) plain (D) clear
166. Wary:  
 (A) thrifty (B) rash  
 (C) conscientious (D) daring

Directions: In question numbers 167 to 171, four alternatives are given for the Idiom\Phrase underlined. Choose the alternative which best expresses the meaning of the Idiom\Phrase and mark it in the Answer Sheet.

167. I am out of my wits and therefore cannot find a way to solve the problem immediately.  
 (A) totally ignorant  
 (B) not intelligent enough  
 (C) greatly confused  
 (D) helpless without power
168. Villagers always call a spade a spade.  
 (A) to speak ill about someone  
 (B) to speak about spades  
 (C) to speak in a straightforward manner  
 (D) to call someone a spade
169. To play second fiddle.  
 (A) to do back seat driving  
 (B) to be happy, cheerful and healthy  
 (C) to reduce the importance of one's senior  
 (D) take a subordinate role
170. Mary broke a dining-room window and had to face the music when her father got home.  
 (A) listen to music  
 (B) accept the punishment  
 (C) listen carefully  
 (D) ask a lot of questions
171. Why are you jumping down my throat? I wasn't even in the house when it happened.  
 (A) forcing me to eat (B) running away  
 (C) making a joke (D) scolding me

Directions: In question numbers 172 to 181, a sentence/part of the sentence is underlined. Below are given alternatives to the underlined sentence/part of the sentence at (A), (B) and (C) which may improve the sentence. Choose the correct alternative. In case no improvement is needed your answer is (D).

172. During his long discourse, he did not touch that point.  
 (A) touch upon (B) touch in  
 (C) touch of (D) No improvement
173. The workers are hell bent at getting what is due to them.  
 (A) hell bent on getting  
 (B) hell bent for getting  
 (C) hell bent upon getting  
 (D) No improvement
174. While crossing the highway, a five year old child was knocked out by a passing car.  
 (A) away (B) up  
 (C) down (D) No improvement
175. We are looking forward to see you tomorrow.  
 (A) looking forward towards seeing  
 (B) looking forward for seeing  
 (C) looking forward to seeing  
 (D) No improvement
176. The clients are waiting outside since morning and will continue to wait until you meet them.  
 (A) have waited (B) have been waiting  
 (C) were waiting (D) No improvement
177. If he had time he will call you.  
 (A) would have (B) would have had  
 (C) has (D) No improvement
178. He may have grown taller when I last saw him.  
 (A) from when I last saw him  
 (B) since I last saw him  
 (C) before I last saw him  
 (D) No improvement
179. He who will bid the highest will get the product.  
 (A) who bids the highest  
 (B) who the highest bids  
 (C) who would bid the highest  
 (D) No improvement
180. John had told me that he hasn't done it yet.  
 (A) told (B) tells  
 (C) was telling (D) No improvement



181. They could not tell me why did he not eat his lunch.  
 (A) why not had he eaten  
 (B) why he did not eat  
 (C) why had he not eaten  
 (D) No improvement

**Directions:** In question numbers 182 to 188, out of the four alternatives, choose the one which can be substituted for the given words / sentence and indicate it by blackening the appropriate oval [ ● ] in the Answer Sheet.

182. One who cannot be corrected :  
 (A) Invulnerable (B) Incurable  
 (C) Incurable (D) Hardened
183. A general pardon granted by the Government to political offenders.  
 (A) Amnesty (B) Pardon  
 (C) Excuse (D) Honesty
184. Detailed plan of a journey :  
 (A) Itinerary (B) Travelogue  
 (C) Travel kit (D) Schedule
185. Stealing of ideas or writings of someone else.  
 (A) plagiarism (B) autism  
 (C) scepticism (D) mesmerism
186. One who hates women :  
 (A) Misanthrope (B) Misogynist  
 (C) Misogamist (D) Ambivert
187. A school boy who cuts classes frequently is a :  
 (A) Martinet (B) Defeatist  
 (C) Sycophant (D) Truant
188. A person who consumes human flesh :  
 (A) Carnivore (B) Cannibal  
 (C) Javage (D) Captor

**Directions:** In question numbers 189 and 190, four words are given in each question, out of which only one word is correctly spelt. Find the correctly spelt word and mark your answer in the Answer Sheet.

189. Software companies have ushered in \_\_\_\_\_ culture along with advanced technology.  
 (A) foreign (B) foriegn  
 (C) foreegn (D) forigen
190. The laboratories are \_\_\_\_\_ with high-tech electronic gadgets.  
 (A) equepped (B) equipped  
 (C) equiped (D) equiped

**Directions:** In question numbers 191 to 200, you have two passages with 5 questions in each passage. Read the passages carefully and choose the best answer to each question out of the four alternatives and mark it by blackening the appropriate oval [ ● ] in the Answer Sheet.

**Passage - I (Question numbers 191 to 195):**

The World Health Organisation is briefly called W.H.O. It is a specialised agency of the United Nations and was established in 1948.

International health workers can be seen working in all kinds of surroundings : in deserts, jungles, mountains, coconut groves, and rice fields. They help the sick to attain health and the healthy to maintain their health.

This global health team assists the local health workers in stopping the spread of what are called communicable diseases, like cholera. These diseases can spread from one country to another and so can be a threat to world health.

W.H.O. assists different national health authorities not only in controlling diseases but also in preventing them altogether. Total prevention of diseases is possible in a number of ways. Everyone knows how people, particularly children, are vaccinated against one disease or another. Similarly, most people are familiar with the spraying of houses with poisonous substances which kill disease-carrying insects.

191. "International health workers can be seen working in all kinds of surroundings : in deserts, jungles, mountains, coconut groves, and rice fields". Here *International* means :  
 (A) belonging to an organisation which has something to do with different nations.  
 (B) belonging to the whole world  
 (C) drawn from all countries of the world  
 (D) believing in cooperation among nations
192. "Total prevention of diseases is possible in a number of ways". The author has given illustrations of :  
 (A) only two such ways  
 (B) only one such way  
 (C) more than two such ways  
 (D) none of these ways
193. "They help the sick to attain health and the healthy to maintain their health". Here *they* stands for :  
 (A) jungles  
 (B) deserts  
 (C) rice fields  
 (D) international health workers



194. "It is a specialised agency of the United Nations and was established in 1948." Here specialised means :
- (A) uncommon
  - (B) made suitable for a particular purpose
  - (C) expert
  - (D) extraordinary

195. "W.H.O. assists different national health authorities not only in controlling diseases but also in preventing them altogether". The above sentence implies that :
- (A) W.H.O. assists both in controlling diseases and in preventing them.
  - (B) W.H.O. assists many others in addition to the national health authorities.
  - (C) W.H.O. assists more in preventing diseases than in controlling them.
  - (D) W.H.O. assists in controlling diseases only if they have not been prevented.

**Passage - II (Question numbers 196 to 200) :**

Why don't I have a telephone ? Not because I pretend to be wise or pose as unusual. There are two chief reasons; because I don't really like the telephone, and because I find I can still work and play, eat, breathe, and sleep without it. Why don't I like the telephone ? Because I think it is a pest and time waster. It may create unnecessary suspense and anxiety, as when you wait for an expected call, that doesn't come; or irritating delay, as when you keep ringing a number that is always engaged. As for speaking in a public telephone booth, it seems to me really horrible. You would not use it unless you were in a hurry, and because you are in a hurry, you will find other people waiting before you. When you do get into the booth, you are half suffocated by the stale, unventilated air, flavored with cheap face-powder and chain smoking; and by the time you have begun your conversation your back is chilled by the cold looks of somebody who is moving about restlessly to take your place.

If you have a telephone in your house, you will admit that it tends to ring when you least want it to ring; when you are asleep, or in the middle of a meal or a conversation, or when you are just going out, or when you are in your bath. Are you strong minded enough to ignore it, to say to yourself. "Ah well, it will be all the same in hundred years time". You are not. You think there may be some important news or message for you. Have you never rushed dripping

from the bath, of chewing from the table, or dazed from bed, only to be told that you are a wrong number ? You were told the truth. In my opinion all telephone numbers are wrong numbers. If, of course, your telephone rings and you decide not to answer it, then you will have to listen to an idiotic bell ringing and ringing in what is supposed to be the privacy of your own home. You might as well buy a bicycle bell and ring it yourself.

196. '..... your back is chilled by the cold looks of somebody' means :
- (A) people are very cold
  - (B) others look at you angrily
  - (C) you feel cold at the back
  - (D) you feel uneasy because the person next in the queue looks at you restlessly
197. 'All telephone numbers are wrong numbers', because :
- (A) the author always gets wrong calls
  - (B) whenever he tries it always goes wrong.
  - (C) he doesn't give much importance to telephone and telephone numbers.
  - (D) none of the statements given above.
198. The author does not have a telephone because :
- (A) he thinks that it can create unnecessary suspense and anxiety.
  - (B) he pretends to be wise
  - (C) he poses as unusual
  - (D) he would prefer to do something else
199. 'Ah well, it will be all the same in hundred years time'. This sentence means :
- (A) One should be strong minded.
  - (B) Nothing is going to change even if you don't answer the telephone bell.
  - (C) Things have not changed for the past 100 years.
  - (D) Things will remain the same for 100 years to come.
200. He hates speaking in a public telephone booth because :
- (A) the other side may not know your number
  - (B) it is costlier
  - (C) he is suffocated by the stale, unventilated air, flavoured with cheap face powder and chain-smoking.
  - (D) others look at him angrily