

REASONING

1. If it is possible to make only one meaningful word with the second, third, fifth and sixth letters of the word **DELIQUENT**, using each letter only once, which of the following will be the second letter of that word? If no such word can be formed give 'X' as the answer and if more than one such word can be formed, give 'Y' as the answer.

- (1) L (2) Q
(3) U (4) X
(5) Y

2. How many such letters as those in the word **RELUCTANT**, each of which is as far away from the beginning of the word as when they are arranged alphabetically?

- (1) None (2) One
(3) Two (4) Three
(5) More than three

3. In a certain code language **MONOTON** is written as **OGPQRM** and **IMPROVE** is written as **ECRSTUC**, then how **PREVIEW** will be written in that code language?

- (1) NPOVKGY
(2) RTGVGOU
(3) RSPVHBY
(4) RTGVGEGY
(5) NPOVGCU

4. What should come in the place of question-mark (?) in the following letter series? **AC FH KM PR ?**

- (1) TV (2) XV
(3) WU (4) YX
(5) CW

5. Pointing to a photograph Shobha said, "He is the only grandson of my mother's father". How is the man in photograph related to Shobha?

- (1) Cousin (2) Brother
(3) Uncle
(4) Cannot be determined
(5) None of these

Directions (10-18) : Study the following information carefully and answer the questions given below :

Nine persons - M, N, O, P, Q, R, S, T and U - are sitting in a straight line facing north but not necessarily in the same order.

M is sitting at the second position from the right end. Only four persons are sitting between M and P. S and N are immediate neighbours of T. S and Q are not immediate neighbours of P, Q and U are not sitting at any extreme ends. R is sitting at the extreme left end.

6. Which of the following statements is true regarding M?

- (1) Third to the left of Q
(2) Fifth to the right of P
(3) Seventh to the right of U
(4) Fifth to the left of T
(5) All the statements are true

7. Four of the following five are alike in a certain way on the basis of given arrangement and hence form a group. Which of the following does not belong to that group?

- (1) NU (2) TQ
(3) PR (4) SQ
(5) MS

8. What is the position of P with respect to Q?

- (1) Sixth to the left
(2) Sixth to the right
(3) Fifth to the left
(4) Fifth to the right
(5) Fourth to the left

9. What is the position of T?

- (1) Fourth from left
(2) Sixth from left
(3) Third from left
(4) Fourth from right
(5) Fifth from right

10. Which of the following pairs of persons are sitting at the extreme ends of the row?

- (1) RN (2) RS
(3) RO (4) RT
(5) RP

Directions (11-18) : Study the following information carefully and answer the questions given below :

Eight persons - A, B, C, D, E, F, G and H - are sitting around a circular path facing towards the centre but not necessarily in the same order.

H is sitting third to the right of E. Only three persons are sitting between D and H. F and G are not immediate neighbours of H. G is sitting second to the right of D. A is sitting second to the left of F. A is not an immediate neighbour of E.

11. What is the position of Q with respect to P?

- (1) Third to the left
(2) Third to the right
(3) Fourth to the left
(4) Second to the right
(5) None of these

12. Four of the following five are alike in a certain way on the basis of given arrangement and hence form a group. Which of the following does not belong to that group?

- (1) AD (2) BH
(3) AG (4) GD
(5) HF

13. Which of the following is correct regarding the position of B?

- (1) Third to the right of A
(2) Third to the left of E
(3) Fourth to the right of E
(4) Fourth to the right of D
(5) Immediate left of G

14. Who among the following is sitting third to the left of D ?
 (1) A (2) B
 (3) C (4) F
 (5) G

15. Which of the following pairs of persons represents the immediate neighbours of F ?
 (1) B and C (2) A and E
 (3) D and E (4) H and E
 (5) D and C

Directions (16-20) : These questions are based on the following five three digits numbers :

587 649 378 925 864

16. If '7' is subtracted from all the odd numbers and '1' is subtracted from all the even numbers and then the numbers are arranged in ascending order, which of the following will be the second largest number ?

(1) 925 (2) 378
 (3) 587 (4) 864
 (5) 649

17. If the positions of the first and the third digits in each of the numbers are interchanged, then what will be the difference between the first and third digits of the second largest number thus formed ?

(1) 6 (2) 8
 (3) 4 (4) 2
 (5) 1

18. If all the three digits within each number are arranged in ascending order then what will be the third digit of the smallest number thus formed ?

(1) 8 (2) 5
 (3) 7 (4) 6
 (5) 9

19. In which of these numbers, the sum of all the three digits is an odd number ?

(1) 378 (2) 925
 (3) 649 (4) 864
 (5) 587

20. If '7' is added to the first digit in each number and then the positions of the first and the third digits are interchanged, which of the following will be the third digit of the second highest number thus formed ?

(1) 7 (2) 8
 (3) 4 (4) 5
 (5) 9

Directions (21-25) : In each question below are given two statements followed by two Conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given Conclusions logically follows from the given statements disregarding commonly known facts.

Give answer (1) if only Conclusion I follows

Give answer (2) if only Conclusion II follows

Give answer (3) if either Conclusion I or II follows

Give answer (4) if neither Conclusion I nor II follows

Give answer (5) if both Conclusions I and II follow

21. Statements :

All cars are bicycles.
 Some bicycles are tyres.

Conclusions :

- I. All least some tyres are bicycles.
 II. No tyre is car.

22. Statements :

Some tables are chairs.
 No chair is wood.

Conclusions :

- I. At least some wood are tables.
 II. Some chairs are not wood.

23. Statements :

No square is circle.
 All circles are rectangles.

Conclusions :

- I. Some circles are squares.
 II. At least some rectangles are circles.

24. Statements :

Some squares are circles.
 Some circles are rectangles.

Conclusions :

- I. No circle is rectangle.
 II. All least some rectangles are squares.

25. Statements :

No book is pen.

Some Pens are pencils

Conclusions :

- I. No pen is pencil.
 II. At least some pens are pencils.

Directions (26-30) : In each of the following questions, a relationship between different elements is shown in the statements. The statements are followed by two Conclusions numbered I and II. Read the Conclusions based on the given statements and select the appropriate answer.

Give answer (1) if only Conclusion I is true.

Give answer (2) if only Conclusion II is true

Give answer (3) if either Conclusion I or II is true.

Give answer (4) if neither Conclusion I nor II is true

Give answer (5) if both the Conclusions I and II are true

26. Statement :

$P \geq M = Q \geq R < N \leq O$

Conclusions :

- I. $P = R$
 II. $M \leq O$

27. Statements :

$M = N \leq P \geq Q > R ; S > R ;$
 $Q \geq T$

Conclusions :

- I. $S > P$
 II. $T \leq P$

28. Statement :

$D \leq P < Q \geq R > N = O$

Conclusions :

- I. $Q > O$
 II. $O > D$

29. Statements :

$T > U \geq V > W ; X < W ; Z < T$

Conclusions :

- I. $Z > V$
 II. $U = X$

30. Statement :

$P = N = D \geq G < B = J$

Conclusions :

- I. $P > G$
 II. $G < J$

Directions (31-34) : Study the following arrangement carefully and answer the questions given below :

8 @ 2 U 3 4 * P B A 5 7
+ 3 C 6 % V Q J @ E

31. How many such numbers are there in the given arrangement, each of which is immediately preceded by a Vowel and also immediately followed by an even number ?
(1) One (2) Two
(3) Three
(4) More than three
(5) None
32. Which of the following is fourth to the right of the twelfth from the right end of the given arrangement ?
(1) * (2) 3
(3) C (4) +
(5) 6
33. Four of the following five are alike in a certain way on the basis of given arrangement and hence form a group. Which of the following does not belong to that group ?
(1) 2 A E (2) 6 7 *
(3) * 4 B (4) B C 8
(5) 8 V +

34. If all the symbols are dropped from the given arrangement, which of the following will be the seventh from the right end ?
(1) P (2) A
(3) C (4) 7
(5) 6

35. What should come in the place of the question-mark (?) in the following series based on the given arrangement ?
@ 3 2, * A 4, 7 C 6, ?
(1) V Q C (2) % J *
(3) J % 3 (4) @ V +
(5) Q * 7

Directions (36-40) : Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and select the most appropriate answer.

36. What is Sumita's rank from the top in the class of 40 students ?

- I. Sumita is ranks above Sumita and is thirty first from the bottom.
II. Amit is two ranks above Sumita and is thirty seventh from the bottom.

- (1) The data in Statement I alone are sufficient to answer the question, while the data in Statement II alone are not sufficient to answer the question.
(2) The data in Statement II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question.
(3) The data in Statement I alone or in Statement II alone are sufficient to answer the question.
(4) The data in both the Statements I and II are not sufficient to answer the question.
(5) The data in both the Statements I and II together are necessary to answer the question.

37. How is Nisha related to Mohi ?

- I. Nisha's mother is sister of Mohi's father.
II. Nishi is the daughter of Nisha's grand-father's only son.

- (1) The data in Statement II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question.
(2) The data in Statement I alone or in Statement II alone are sufficient to answer the question.
(3) The data in both the Statements I and II together are necessary to answer the question.
(4) The data in Statement I alone are sufficient to answer the question, while the data in Statement II alone are not sufficient to answer the question.
(5) The data in both the Statements I and II are not sufficient to answer the question.

38. Kamal is facing which direction ?

- I. Mohi is facing North and if he turns to his left he faces opposite direction as that of Kamal.

- II. Saroj who is facing East is to the right of Kamal.

- (1) The data in Statement I alone or in Statement II alone are sufficient to answer the question.
(2) The data in Statement I alone are sufficient to answer the question, while the data in Statement II alone are not sufficient to answer the question.
(3) The data in both the Statements I and II are not sufficient to answer the question.
(4) The data in both the Statements I and II together are necessary to answer the question.
(5) The data in Statement II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question.

39. What is the colour of the fresh grass in a certain code language ?

- I. Blue is called green, red is called orange, orange is called yellow in that code language.
II. Yellow is called white, white is called black, green is called brown and brown is called purple in that code language.

- (1) The data in both the Statements I and II together are necessary to answer the question.
(2) The data in both the Statements I and II are not sufficient to answer the question.
(3) The data in Statement I alone are sufficient to answer the question, while the data in Statement II alone are not sufficient to answer the question.

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- (4) The data in Statement I alone or in Statement II alone are sufficient to answer the question.
- (5) The data in Statement II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question.
40. Who is tallest among the five boys Samar, Ramesh,akash, Karan and Vishwas ?
I. Akash is taller than Karan and Ramesh, but not as tall as Samar.
II. Samar is not the tallest.
(1) The data in both the Statements I and II together are necessary to answer the question.
(2) The data in Statement I alone or in Statement II alone are sufficient to answer the question.
(3) The data in both the Statements I and II are not sufficient to answer the question.
(4) The data in Statement I alone are sufficient to answer the question, while the data in Statement II alone are not sufficient to answer the question.
(5) The data in Statement II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question.
41. A, B and C started a business in partnership with investments of Rs. 45000, Rs. 40000 and Rs. 50000 respectively. They invested for the same period of time. In the end of the year they earned a total profit of Rs. 17000. What was B's share in the profit ?
(1) Rs. 30000 (2) Rs. 3000
(3) Rs. 27000 (4) Rs. 40000
(5) None of these
42. In a business, A's investment is $\frac{1}{3}$ rd of that of B's and C's investment is $\frac{2}{3}$ rd of that of B's. What will be the share of B's in a profit of Rs. 40000 at the end of the year if they each invest for the same period of time ?
(1) Rs. 22000 (2) Rs. 22500
(3) Rs. 15000 (4) Rs. 15500
(5) None of these
43. A man covers a distance of 50 km at the speed of 10 kmph, next 40 km at 8 kmph and remaining 30 km at 6 kmph in a journey. What was his average speed during whole journey ?
(1) 7.5 kmph (2) 8.5 kmph
(3) 8 kmph (4) 9 kmph
(5) None of these
44. A person marked the price of a tonne of sugarcane 25% above the cost price. On selling at the marked price, he earned a profit of Rs. 17000. What is the marked price ?
(1) Rs. 6800 (2) Rs. 60000
(3) Rs. 70000 (4) Rs. 60000
(5) Rs. 68000
45. A man gets Rs. 15000 as simple interest on investing a certain sum at the rate of 8% per annum for two years. If the same principal is invested at compound interest (compounded annually) at the rate of 10% per annum for the same period : what total amount will he get ?
- (1) Rs. 40750 (2) Rs. 17000
(3) Rs. 60350 (4) Rs. 37000
(5) None of these
46. A alone can complete a piece of work in 20 days while B alone can do it in 30 days. In how many days will both together complete the same piece of work ?
(1) 12 days (2) 12 days
(3) 18 days (4) 15 days
(5) None of these
47. 200 chocolates are distributed equally among a certain group of students. If there were 10 more students, 40 more chocolates would have been required. What is the original number of students ?
(1) 40 (2) 45
(3) 50 (4) 55
(5) 60
48. What will be the value of $\frac{2}{3}$ of $\frac{5}{2}$ of 600 ?
(1) 500 (2) 550
(3) 540 (4) 660
(5) None of these
49. The side of square whose diagonal is $8\sqrt{2}$ cm, is equal to the length of a rectangle. If the breadth of the rectangle is 5 cm less than its length, what will be the area of the rectangle ?
(1) 24 sq.cm. (2) 25 sq.cm.
(3) 26 sq.cm. (4) 18 sq.cm.
(5) None of these
- Directions (10-14) :** What will come in place of the question mark (?) in each of the following questions ?
50. 8 16 26 42 136 ?
(1) 226 (2) 220
(3) 230 (4) 300
(5) None of these
51. 5 7 19 21 43 ?
(1) 46 (2) 45
(3) 43 (4) 48
(5) None of these
52. 16 20 29 45 70 106 ?
(1) 160 (2) 162
(3) 148 (4) 144
(5) None of these

51. $17x^2 - 9x + 43$ and $18x^2 + 5$

(A) 10 (B) 16

(C) 12 (D) 9

(E) None of these

52. $2x^2 - 6$, 18 , $3x^2 - 50$, 7

(A) 72 (B) 70

(C) 82 (D) 80

(E) None of these

53. The area of a rectangle is 436 square cm, and its breadth is 22 cm. The length of the rectangle is equal to the diameter of a circle. What will be the circumference of circle ?

(A) 84 cm (B) 83 cm

(C) 78 cm (D) 44 cm

(E) None of these

Directions (54-60) : Read the following table carefully and answer the questions given below it. Amounts invested by five different companies during five different months

(In lakh Rs.)

Company Months	A	B	C	D	E
March	120	238	232	284	300
April	150	172	216	244	200
May	250	168	180	180	180
June	300	280	188	208	178
July	288	180	184	330	240

54. By what per cent approximately is the investment made by company C in March more than that by company A in the same month ?

(A) 76 (B) 70

(C) 88 (D) 80

(E) 88

55. What is the difference between the total investments made by company B and company D taking all the months together ? (In Rs. lakh).

(A) 126 (B) 125

(C) 140 (D) 142

(E) None of these

56. What was the average investment of company C during all the months ? (In Rs. lakh).

(A) 285 (B) 286

(C) 297 (D) 298

(E) None of these

57. What is the difference between the total investment made by all companies in March and that in May ? (In Rs. lakh).

(A) 270

(B) 285

(C) 286

(D) 316

(E) None of these

58. What was the average investment made by company E during all the months ? (In Rs. lakh).

(A) 214.6 (B) 212.4

(C) 214.4 (D) 211.6

(E) None of these

Directions (59-60) : What value will come in place of the question mark (?) in each of the following questions ?

59. $3075 + (38\% \text{ of } 884) - 30 = ? \frac{1}{12}$

of (7 + 39)

(A) 80

(B) 50

(C) 85

(D) 60

(E) None of these

62. $(81)^{\frac{1}{3}} \times (64)^{\frac{1}{3}} = ?$

(A) $\frac{5}{144}$

(B) $\frac{7}{144}$

(C) $\frac{7}{12}$

(D) $\frac{7}{18}$

(E) None of these

63. $1\frac{1}{3} + 1\frac{6}{7} + 3\frac{3}{5} = ?$

(A) 6

(B) 163

(C) 6

(D) 160

(E) 6

(F) 163

(G) 6

(H) 160

(I) 6

(J) 163

(K) 6

(L) 160

(M) 6

(N) 163

(O) 6

(P) 160

(Q) 6

(R) 163

(S) 6

(T) 160

(U) 6

(V) 163

(W) 6

(X) 160

(Y) 6

(Z) 163

(AA) 6

(AB) 160

(AC) 6

(AD) 163

(AE) 6

(AF) 160

(AG) 6

(AH) 163

(AI) 6

(AJ) 160

(AK) 6

(AL) 163

(AM) 6

(AN) 160

(AO) 6

(AP) 163

64. $23 + 2.9 \times 2.9 + 2.99 = ?$

(A) 41.9

(B) 42.9

(C) 4.23

(D) 4.23

(E) None of these

65. $7\frac{3}{12} \times 0.16 - 7\frac{1}{2} = ?$

(A) $4472\frac{5}{8}$

(B) $4472\frac{1}{2}$

(C) $4572\frac{1}{2}$

(D) $4572\frac{5}{8}$

(E) None of these

66. $21 + 3.7 = 2.9 = ?$

(A) 31.37

(B) 31.73

(C) 32.73

(D) 32.37

(E) None of these

67. $4 + \frac{2}{13} = 949 - 139 = \frac{5}{7} = ?$

(A) 788

(B) 786

(C) 876

(D) 867

(E) None of these

71. In a rectangular field of dimensions 500 m x 380 m, a pond of dimensions 30 m x 30 m x 12 m is dug out. The earth taken out is evenly spread on the remaining part of the field. What will be the increase in the level of the surface of the field ?

(A) 88 cm

(B) 48 cm

(C) 48 cm

(D) 88 cm

(E) None of these

72. The perimeter of a rectangular field is 480 metre. The respective ratio between its length and breadth is 5 : 2. What will be the area of the field ? (In square metre).

(A) 12500

(B) 18800

(C) 14500

(D) 14800

(E) None of these

76. In how many different ways the letters of the word REVERENCE can be arranged so that all the vowels always come together ?

(A) 60

(B) 72

(C) 120

(D) 720

(E) None of these

79. On selling 12 pens for a rupee a seller loses 12%. To have a profit of 20% how many pens should be sold for a rupee ?

(A) 10

(B) 8

(C) 6

(D) 8

(E) None of these

ENGLISH LANGUAGE

76. In a 60 litre mixture milk and water are in the ratio 2 : 1 respectively. What amount of water (in litres) should be added to the mixture so that the ratio of milk and water becomes 1 : 1 ?

- (1) 60 (2) 60
(3) 70 (4) 65

(5) None of these

77. The average of 11 numbers is 16.8. If the average of first six numbers be 19.8 and that of last six numbers be 11.4, what will be the number in the middle ?

- (1) 16.8 (2) 11.4
(3) 12 (4) 13.5

(5) None of these

78. The price of a mobile phone is decreased by 20% and hence forth its sale increases by 80%. What is the effect on the revenue received ?

- (1) 44% decrease
(2) 44% increase
(3) No net effect
(4) 24% increase
(5) None of these

79. $3\frac{2}{3} \times 3\frac{1}{2} + 2\frac{1}{3} = ?$

- (1) $30\frac{5}{18}$ (2) $18\frac{5}{18}$

- (3) $19\frac{5}{18}$ (4) $20\frac{7}{18}$

(5) None of these

80. A 200 metre long train running at 72 kmph crosses a bridge in 26 seconds. What is the length of bridge ?

- (1) 260 metre (2) 400 metre
(3) 420 metre (4) 350 metre

(5) None of these

81. In a bag there are 4 black, 4 orange and 5 red balls. Three balls are drawn at random from it. What is the probability that none is of orange colour ?

- (1) $\frac{84}{455}$ (2) $\frac{37}{455}$

- (3) $\frac{1}{5}$ (4) $\frac{1}{19}$

(5) None of these

Directions (81 - 86) : Read the following passage carefully and answer the questions given. Certain words/phrases have been given in **bold** to help you locate them while answering some of the questions :

Whether because of the emphasis of traditional religious motivation of the personal soul or for some other reason, there is a tendency, to restrict the ultimate scope of morals to the reflex effect of conduct on one's self. Even utilitarianism, with all its seeming independence of traditional theology and its emphasis upon the general good as the criterion for judging conduct, inherited its hedonistic psychology of "private pleasure" as the motive for action. The idea that the stable and expanding institution of all things that make life worthwhile throughout all human relationships is the real object of all intelligent conduct is depressed from view by the current conception of morals as a special kind of action chiefly concerned with either the virtues or the enjoyments of individuals in their personal capacities. In changed form we still retain the notion of a division of activity, into two kinds having very different worths. The result is the depressed meaning that has come to be attached to the very meaning of the "practical" and the useful. Instead of being extended to cover all forms of action by means of which all the values of life are ordered and rendered more secure, including the diffusion of the fine arts and the cultivation of taste, the processes of education and all activities which are concerned with rendering human relationships more significant and worthy, the meaning of "practical" is limited to matters of ease, comfort, riches, bodily security and police order, possibly health, etc., things which in their isolation from other goods can only by claim to re-

served and narrow values. In consequence, these subjects are handed over to technical sciences and arts. They are no concern of "higher" interests which feel that no matter what happens to inferior goods in the vicissitudes of natural existence, the highest values are immutable characters of the ultimately real.

Our depreciatory attitude towards "practice" would be modified if we habitually thought of it in its most liberal sense, and if we surrendered our customary dualism between two separate kinds of value, one intrinsically higher and one inherently lower. We should regard practice as the only means (rather than accident) by which whatever is judged to be honourable, admirable, appreciable can be kept in concrete experiential existence. In this connection the entire import of "morals" would be transformed. How much of the tendency to ignore permanent objective consequences in differences made in natural and social relations, and how much of the emphasis upon personal and internal motives and dispositions irrespective of what they objectively produce and sustain, are products of the habitual depreciation of the worth of action in comparison with forms of mental processes, of thought and sentiment, which make objective difference in things themselves ?

82. Which of the following statement(s) is/are correct in the context of the given passage ?

- I. There is a tendency to restrict the ultimate scope of morals to the reflex effect of conduct on one's self.
- II. Utilitarianism inherited its hedonistic psychology of 'private pleasure' as the motive for action.
- III. Our depreciatory attitude towards 'practice' would never be modified.

(3) Only J

(2) Only III

(3) Only I and II

(4) Only II and III

(5) All I, II and III

82. What is the real object of all intelligent conduct ?

(1) Idea of strengthening such institutions that make life worth while through out human relationships

(2) Leading a life of pleasure and challenge

(3) To strengthen bond of relationship

(4) Both (1) and (2)

(5) None of these

83. Why are the subjects of *cosmology*, *cosmetology*, *riches* bodily necessity etc. handed over to technical science and arts ?

(1) These subjects come under the purview of science and arts

(2) These subjects are logically interpreted.

(3) In their isolation from other goods can only lay claim to restricted and narrow value

(4) All of these

(5) None of these

84. As opined by the writer how the entire import of 'morals' would be transformed ?

(1) Moral is hereditary and cannot be changed

(2) By regarding practice as the only means to judge honourably and admirably

(3) By emphasis on traditional religious salvation of the personal soul

(4) By changing over thought process

(5) None of these

85. What should be the most suitable title of this passage ?

(1) Traditional and modern thought of life

(2) Practice is supreme

(3) Mechanics and spirituality

(4) Spirituality - hindrance to salvation

(5) None of these

Directions (86-88) : Choose the word which is **MOST SIMILAR** in MEANING to the word printed in bold as used in the passage.

86. **DISPOSITION**

(1) temperament

(2) displeasure

(3) derangement

(4) dispersion

(5) unness

87. **DIFFUSION**

(1) experiment

(2) diligence

(3) spread (4) restriction

(5) dignity

88. **VICISSITUDE**

(1) high and low of life

(2) pleasure

(3) victory (4) vacation

(5) enjoyment of life

Directions (89-91) : Choose the word which is **MOST OPPOSITE** in MEANING to the word printed in bold as used in the passage.

89. **SALVATION**

(1) slavery (2) freedom

(3) sameness (4) samaritan

(5) sabbath

90. **IMMUTABLE**

(1) unchangeable

(2) changeable

(3) assured (4) superficial

(5) inevitable

Directions (91-95) : Rearrange the following five sentences (A), (B), (C), (D) and (E) in the proper sequence so as to form a meaningful paragraph, and then answer the questions given below :

(A) Bertrand Russell, a man not easily duped, became a strong supporter of Watson's beliefs.

(B) His influential psychological care of the infant and child sold more than 100,000 copies within a few months.

(C) This may not be a wise move, professionals and so called experts have a poor track record in advising worried parents. J.B. Watson, the father of the behaviorist movement, was the author of

first of the best sellers on bringing up children.

(D) In their anxiety some of them turn to psychologists or psychiatrists, or even psychoanalysts

(E) Most parents worry about how best to bring up their children.

91. Which of the following should be the **FIRST** sentence after rearrangement ?

(1) A (2) B

(3) C (4) D

(5) E

92. Which of the following should be the **LAST** sentence after rearrangement ?

(1) A (2) B

(3) C (4) D

(5) E

93. Which of the following should be the **THIRD** sentence after rearrangement ?

(1) A (2) B

(3) C (4) D

(5) E

94. Which of the following should be the **FOURTH** sentence after rearrangement ?

(1) A (2) B

(3) C (4) D

(5) E

95. Which of the following should be the **SECOND** sentence after rearrangement ?

(1) A (2) B

(3) C (4) D

(5) E

Directions (96-100) : Read each sentence to find out whether there is any grammatical error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer; if there is no error, the answer is (5). Ignore the errors of punctuation, if any.

96. Rural and Urban water problems would assume crisis (1) proportions long ago but for the advent (2) of the new transformational technology (3) of tube wells around the 1950s. (4) No error (5).

91. Hansa have a (1V) ability of believing (2V) that their own traditions are (3V) right and proper. (4V) No error (5).

92. The hotel was (1V) on a hill in one of (2V) the good (3V) sections of town. (4V) No error (5).

93. She was only (1V) a small link (2V) in the network, she was used (3V) for courier jobs. (4V) No error (5).

94. It has brought (1V) us great gift of (2V) knowledge in its (3V) universal aspects. (4V) No error (5).

Directions (100-102) : Each question below has a blank, each blank indicating that something has been omitted. Choose the word for each blank which best fits the meaning of the sentence as a whole.

101. The Japanese car maker defines it as the "reduction of cost through the _____ of waste.

- (1) elimination
- (2) fortification
- (3) managing
- (4) amelioration
- (5) deterioration

102. These steps are _____ to protect only groups but not the society or local community as a whole.

- (1) intent (2) intended
- (3) prohibited
- (4) intending
- (5) pepping

103. Today space is one of the most _____ areas of medical research.

- (1) activity (2) action
- (3) active (4) passion
- (5) possession

104. As late as the 1950s more than half of all reporters _____ a college degree.

- (1) lacking (2) needed
- (3) required (4) lacked
- (5) gained

105. He disliked the idea of a film that drew _____ to its style rather than the contents.

- (1) attentive (2) regulation
- (3) attractive (4) creed
- (5) attention.

Directions (106-110) : Which of the phrases (1), (2), (3) and (4) given below should replace the phrase given in bold in the following sentences to make the sentence grammatically meaningful and correct. If the sentence is correct as it is and no correction is required, mark (5) as the answer.

106. The whole process of implementing these kinds of strategies in this nation, which is very importance, are being ignored on the other side.

- (1) Which are very important, is being ignored
- (2) which is very important, is being ignored
- (3) which was very important, were being ignored
- (4) which has been very important, is being ignored
- (5) No correction required

107. Since they aren't made to pay for the ill-effects of water pollution on health, they recommend manifest incorrect prescriptions.

- (1) they recommended manifested incorrect prescriptions
- (2) they recommend manifestly incorrect prescriptions
- (3) they have been recommended manifestly incorrect prescriptions
- (4) the recommends manifestly incorrect prescriptions
- (5) No correction required

108. The naming and numbering rules at the NHC is required to a system to keep the same identity.

- (1) The naming and numbering rule at the NHC is requiring to
- (2) The naming and number rule at the NHC is being required from
- (3) The naming and numbering rules at the NHC are required for

(4) The naming and numbering rules of the NHC are requiring for

(5) No correction required

109. The world cannot compete; it must accept complete domination by the first world.

- (1) accept completed domination of the first world
- (2) accept complete domination for the first world
- (3) accepting complete domination by first world
- (4) accept complete deannexation of the first world
- (5) No correction required

110. It will provide scientists with a valuable research tool for study how genes went about their business.

- (1) research tool for studying how genes goes
- (2) research tool to study how genes go
- (3) research tool to be studied for genes
- (4) research tools to study how genes go
- (5) No correction required

Directions (111-120) : In the following passage, there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case.

The recent discovery of molecular switches that help (111) whether stem cells will become muscle cells or other cell types might (112) the way for effective treatments of Muscular Dystrophy (MD). Stem cells - primitive, self-replacing cells that (113) bodily tissues - represent one of the most promising tools for replacing muscle fibres (muscle cells) lost or damaged in MD. Although perhaps best known as the (114) force behind embryonic development, stem cells are also found in adult tissues, where they can promote regeneration.

In the embryo and - to the recent surprise of scientists - in a (115) of adult tissues, many stem cells are pluripotent, meaning

they are able (1181) give rise to several different cell types, including those that make up bone, blood, fat, nerve and muscle. If scientists can (1172) out how stem cells "choose" among these "career" options, they might be able to direct them to become specific cell types and repair specific tissues.

A team (1181) by MDa-funded scientist Michael Rudnicki at Canada's Ottawa Hospital Research Institute identified a chemical switch that influences the choice made by stem cells found in skeletal muscle. At switch is required (1180) the cells to become satellite cells, which, in adult skeletal muscle, increase muscle mass during normal growth, after exercise and in (1181) to muscle trauma (injury).

111. (1) determine
(2) determining
(3) finding
(4) knowing
(5) knowledge
112. (1) paving (2) pave
(3) have paved
(4) save (5) destroy
113. (1) generates
(2) creates
(3) generate
(4) germinate
(5) originates
114. (1) dividing (2) drive
(3) contrivance
(4) driving (5) devise
115. (1) various (2) variety
(3) kind (4) variation
(5) varied
116. (1) to (2) for
(3) by (4) with
(5) in
117. (1) find (2) figure
(3) immerse (4) destroy
(5) describe
118. (1) leading (2) explaining
(3) led (4) heading
(5) formed
119. (1) by (2) for
(3) with (4) off
(5) of
120. (1) reverence
(2) effect
(3) care
(4) response
(5) order

GENERAL AWARENESS

121. Sachin Tendulkar is related to which of the following games?
(1) Cricket
(2) Wrestling
(3) Swimming
(4) Rowing
(5) Boxing
122. What is the total number of new trains announced by Railway Minister Baleshwar Gouda in the Railway Budget or 2014-15?
(1) 55 (2) 57
(3) 58 (4) 60
(5) 63
123. How many Deputy Governors are there in the Reserve Bank of India?
(1) 2 (2) 3
(3) 4 (4) 5
(5) None of these
124. The exemption for senior citizens as announced in the Union Budget for 2014-15 is
(1) 2,50,000 (2) 2,75,000
(3) 3,00,000 (4) 3,25,000
(5) 4,00,000
125. Who, among the following, is the all-time highest goal scorer for Germany?
(1) Miroslav Klose
(2) Michael Ballack
(3) Franz Beckenbauer
(4) Jürgen Klinsmann
(5) Lothar Matthäus
126. As proposed in the Railway Budget 2014-15, on which route will India's first bullet train start?
(1) Mumbai-Pune
(2) Thane-Panaji
(3) Mumbai-Ahmedabad
(4) Ahmedabad-Jaipur
(5) Pune-Jaipur
127. According to the proposed National Judicial Appointments Commission, who can appoint judges?
(1) Chief Justice, Supreme Court of India
(2) Collegium of Supreme Court Justices

- (3) President of India
(4) Union Council of Ministers
(5) None of the above
128. Swachh Bharat Abhiyan was officially launched on
(1) 15 August 2014
(2) 6 September 2014
(3) 2 October 2014
(4) 14 November 2014
(5) 28 December 2014
129. Bank capitalisation is related to
(1) International Money Laundering Abatement and Financial Anti-Terrorism Act
(2) Basel III Norms
(3) CRR Bank
(4) SLR Norms
(5) None of the above
130. Which of the following countries is the top source of FDI in India?
(1) USA (2) Australia
(3) Singapore (4) China
(5) UAE
131. What was the percentage increase in allocation for cleanliness in the Railway Budget 2014-15?
(1) 50% (2) 40%
(3) 60% (4) 80%
(5) 65%
132. What is the full form of UGC?
(1) University Grant Commission
(2) University Grand Commission
(3) University Grants Commission
(4) Univese-Grand-Commission
(5) University Grant Commissioner
133. In Railway Budget 2014-15, there was a proposal of raising how many new passenger trains?
(1) 3 (2) 5
(3) 8 (4) 11
(5) 14
134. Ajinkya Rahane is related to which of the following sports?
(1) Football (2) Chess
(3) Wrestling (4) Rowing
(5) Cricket

135. In which of the following games is the term 'strike' used?
 (1) Cricket (2) Baseball
 (3) Wrestling (4) Boxing
 (5) Golf
136. How much insurance cover is available on a Rupay Card linked to a bank account under Pradhan Mantri Jan Dhan Yojana?
 (1) Rs. 25,000
 (2) Rs. 50,000
 (3) Rs. 75,000
 (4) Rs. 1,00,000
 (5) Rs. 2,00,000
137. Who is P.J. Kurien?
 (1) Deputy Chairman of Rajya Sabha
 (2) Chairman of NABARD
 (3) Union Agriculture Minister
 (4) Deputy Chairman of RBI
 (5) None of the above
138. The full form of SLR is
 (1) Statutory Liquidity Ratio
 (2) Scheduled Liquidity Ratio
 (3) Separate Lending Rate
 (4) Social Lending Ratio
 (5) None of these
139. What is the purpose of Jan Dhan Yojana?
 (1) Minimum one employed person in every family
 (2) Minimum one bank account for every family
 (3) Minimum earning in every household to rise above BPL category
 (4) Both 1 and 3
 (5) None of the above
140. What is the full form of CST?
 (1) Central Service Taxation
 (2) Central Service Tax
 (3) Central Sales Tax
 (4) Centre Sales Tax
 (5) None of these
141. Who was Robin Williams?
 (1) Sportsman
 (2) Book author
 (3) Hollywood actor
 (4) Singer
 (5) Poet
142. What is the focus area of the Bhambhukh Yojana that was recently started in Rajasthan?
 (1) Tribal welfare
 (2) Women empowerment
 (3) Girl education
 (4) Financial Inclusion
 (5) Both 2 and 4
143. In which of the following states is the Kodarikolam Project located?
 (1) Andhra Pradesh
 (2) Tamil Nadu
 (3) Karnataka
 (4) Kerala
 (5) Odisha
144. What is the full form of NABARD?
 (1) National Bank of Agriculture and Rural Development
 (2) National Apex Bank of Agriculture and Rural Development
 (3) National Agricultural Bank Assisting Rural Development
 (4) National Bank for Agriculture and Rural Development
 (5) None of these
145. Who is the President of Russia?
 (1) Vladimir Putin
 (2) Dmitry Medvedev
 (3) M. Kasyanov
 (4) M. Pradkov
 (5) V. Zakhov
146. Nappy Card is issued by
 (1) RBI
 (2) NPCI
 (3) BSB
 (4) Union Finance Ministry
 (5) None of these
147. How many new government medical colleges were announced in the Union Budget 2014-15?
 (1) 4 (2) 6
 (3) 8 (4) 10
 (5) 12
148. Who is Wilfried Ruyf?
 (1) Swimmer
 (2) Anchor
 (3) Basketball player
 (4) Football player
 (5) Boxer
149. In which of the following state elections did the Congress win all the three seats that went on poll?
 (1) Uttarakhand
 (2) Haryana
 (3) Karnataka
 (4) Gujarat
 (5) Rajasthan
150. What is the amount charged for ATM transactions after five times of usage?
 (1) Rs. 30 (2) Rs. 15
 (3) Rs. 20 (4) Rs. 25
 (5) Rs. 40
151. In which of the following states is Haridwar Park proposed to be set up?
 (1) Tamil Nadu
 (2) Karnataka
 (3) Andhra Pradesh
 (4) Arunachal Pradesh
 (5) Rajasthan
152. Who serves as the chairman of the Planning Commission India?
 (1) President of India
 (2) Prime Minister of India
 (3) Governor of RBI
 (4) Chairman of SEBI
 (5) Vice President of India
153. Rafael Nadal is associated with which of the following games?
 (1) Swimming
 (2) Lawn Tennis
 (3) Cricket
 (4) Football
 (5) Golf
154. What is the full form of CTS?
 (1) Credit Transfer System
 (2) Cheque Transaction System
 (3) Call Transfer System
 (4) Credit Transaction Service
 (5) None of these

155. Which bank first introduced EMI (Equated Monthly Instalment) facility on debit cards?

- (1) State Bank of India
- (2) ICICI Bank
- (3) Punjab National Bank
- (4) Axis Bank
- (5) Bank of Baroda

156. Which of the following companies recently bought Laxmi's 1,200 mw Udupi thermal power plant in Karnataka?

- (1) Adani Power
- (2) Jindal Steel and Power
- (3) Cairn Energy
- (4) Reliance Power
- (5) NTPC Limited

157. Which of the following states has the highest urban population in India as per the 2011 Census?

- (1) Tamil Nadu
- (2) Karnataka
- (3) Punjab
- (4) Maharashtra
- (5) Gujarat

158. Which of the following countries is the largest producer of wind power in the world?

- (1) USA
- (2) The Netherlands
- (3) Argentina
- (4) China
- (5) Brazil

159. Who, among the following economists, has given the concept of BEPC?

- (1) Lord Mughal Saha
- (2) Jim O'Neill
- (3) Amartya Sen
- (4) Gustav Cassar
- (5) Jean Tirole

160. Which Irish author created the character of Dracula?

- (1) Bram Stoker
- (2) Arthur Conan Doyle
- (3) Jeremy Bentham
- (4) Stephen Fleming
- (5) Alfred Hitchcock

COMPUTER KNOWLEDGE

161. Which of the following is not an example of Hardware?

- (1) Scanner (2) Plotter
- (3) Printer (4) Monitor
- (5) Algorithm

162. Which among the following is not a binary number?

- (1) 11 (2) 01
- (3) 22 (4) 10
- (5) 100

163. Which of the following is not an operating system?

- (1) Windows XP
- (2) Android
- (3) Linux
- (4) MS-DOS
- (5) Google

164. Linux is also _____

- (1) Open source software
- (2) Shareware
- (3) Freeware
- (4) Programming language
- (5) None of these

165. Which of the following is a programming language?

- (1) Pascal (2) D+
- (3) HTML (4) CSS
- (5) All of the above

166. The acronym www is internet stands for

- (1) World Wireless Web
- (2) Wireless World Web
- (3) World Wide Web
- (4) Wireless Wide Web
- (5) None of these

167. If any data on a computer is 'cut' and then it is pasted, where is that data temporarily stored after being cut?

- (1) Ribbon
- (2) Tab
- (3) Clipboard
- (4) Recycle Bin
- (5) Cookies Folder

168. UPS stands for

- (1) Universal Process System
- (2) Uninterruptible Power Source
- (3) User Payload Serial
- (4) Utility Packet Storage
- (5) None of these

169. USB stands for

- (1) United Serial Bus
- (2) Universal Serial Bus
- (3) Universal System Bus
- (4) Universal Serial Bus
- (5) None of these

170. MS-DOS is _____ based operating system.

- (1) Remote
- (2) Command
- (3) Web
- (4) Programming
- (5) None of these

171. Which of the following is used in the transfer of data as communication in internet?

- (1) FTP (2) Gopher
- (3) SSO (4) TCP
- (5) Serial Bus

172. To remove data from the existing cell in MS-Excel, we use the _____ key.

- (1) Ctrl + X
- (2) Ctrl + C
- (3) Delete
- (4) Ctrl + Alt + Shift X
- (5) None of these

173. Which of the following statements is not correct with respect to RAM?

- (1) It is volatile in nature
- (2) It can be accessed randomly
- (3) It stores data even when the computer is switched off
- (4) It is referred to as primary memory
- (5) It is the most common type of memory found in computers

174. To save a document for the first time, which of the following options is used?

- (1) Save As
- (2) Save First
- (3) Export
- (4) Save
- (5) Save on

113. Which of the following is the correct way of writing email address?
- shaj007@gmail.com
 - shaj007@gmail.com
 - shaj007@.com
 - shaj007@gmail
 - shaj007
114. What is the keyboard shortcut for making a selected text in Word as bold?
- Ctrl + A
 - Ctrl + B
 - Ctrl + C
 - Ctrl + D
 - Ctrl + E
115. 78,890 bytes is equal to
- 78 KB
 - 79 GB
 - 79 MB
 - 790 KB
 - 7900 KB
116. To move to the bottom of a Word Document, which of the following keys should be used?
- Ctrl + Page Down
 - End
 - Home
 - Ctrl + Page Up
 - Ctrl + End
117. The main page of a website is known as
- Home Page
 - Browser Page
 - Search Page
 - Webpage
 - Bookmark
118. A person who uses his expertise to gain access to other person's computer to get information illegally is known as
- Hacker
 - Analyst
 - Programmer
 - Insider
 - Spammer
119. What does P stand for in CPU?
- Processing
 - Program
 - Perial
 - Power
 - Primary

120. What does VDU stand for?
- Visual Information Resources Under Stage
 - Video Information Resolution Under Stage
 - Visual Input Restoration Under Stage
 - Visual Input Resources Under Stage
 - None of these
121. Which of the following is not a version of MS Office?
- MS-2000
 - MS-2003
 - MS-Word
 - MS-2007
 - MS-2010
122. _____ is the process to find errors in software code.
- Debugging
 - Compiling
 - Testing
 - Programming
 - Interpreting
123. In a building, the network through which computers are connected to each other through LAN is called
- Intranet
 - Internet
 - Extranet
 - Satellite net
 - None of these
124. A software application for retrieving, presenting and traversing information resources on the World Wide Web is known as
- Search Engine
 - Browser
 - Email
 - Website
 - Hyperlink
125. A(n) _____ is a program that makes the computer easier to use.
- Application
 - Utility
 - Network
 - Operating system
 - Programming
126. How many generations of computers are there?
- | | |
|-------|-------|
| (1) 2 | (2) 3 |
| (3) 4 | (4) 5 |
| (5) 6 | |

127. ASCII stands for
- American Standard Code for Information Interchange
 - American State Code for Information Interchange
 - American Standard Code for Information Interchange
 - American Standard Code for Information Interchange
 - American Standard Code for Interchange Information
 - None of these
128. A program written in high level language is referred to as
- Source Code
 - Object Code
 - Machine Code
 - Assembly Code
 - None of these
129. The primary purpose of software is to turn data into _____
- Website
 - Information
 - Programs
 - Objects
 - None of these
130. Floppy Disk is _____
- A drive
 - Persistent memory
 - Temporary memory
 - Cache memory
 - None of these
131. At which place is cursor seen as a 'hand' in a computer?
- On Toolbar
 - Where a new letter is to be inserted
 - Hyperlink
 - On screen
 - None of these
132. In Word documents, the automatic correction of errors I know as
- CRSP
 - Spell check
 - AutoCorrect
 - Search and Find
 - Replace

185. A computer program is generally written in which code language?
- (1) Binary
 - (2) Decimal
 - (3) Octal
 - (4) Hexagonal
 - (5) None of these
186. In a computer, processing work is done by
- (1) ALU
 - (2) Register
 - (3) Compiler
 - (4) CPU
 - (5) None of these
187. Tab key is used for
- (1) To go upward in a line
 - (2) To go downward in a line
 - (3) To go leftward of the line
 - (4) To go rightward of the line
 - (5) To indent a line
188. When a new document is created, it is kept within
- (1) Folder
 - (2) Table
 - (3) File
 - (4) Record
 - (5) Directory
189. In which of the following, VIRUS cannot be removed?
- (1) Internet
 - (2) Intranet
 - (3) Personal Computer
 - (4) CD
 - (5) All of the above
190. What does GUI stand for?
- (1) Graphics User Interaction
 - (2) Graphical User Interface
 - (3) Graphics Usual Interface
 - (4) Graphical Utility Interface
 - (5) None of these