Practice Test-2

Directions for questions 1 to 5 : Arrange the following sentences in a logical order and answer the questions that follow.

A. Absence of other parental figures in the family has worsened the situation.

B. Drug abuse amongst youngsters seems to be on the increase.

C. The need for many mothers to work has put an additional claim on the time available for the children.

D. Breakdown of the extended family has put a lot of burden on the parent.

E. Psychologists attribute this to the growing alienation of the new generation from their parents.

1. Which sentence should be LAST in the paragraph?
   (a) A   (b) B
   (c) C   (d) D

2. Which sentence should come FIRST in the paragraph?
   (a) A   (b) B
   (c) E   (d) D

3. Which sentence should come FOURTH in the paragraph?
   (a) A   (b) B
   (c) C   (d) E

4. Which sentence should come SECOND in the paragraph?
   (a) B   (b) C
   (c) D   (d) E

5. Which sentence should come THIRD in the paragraph?
   (a) A   (b) B
   (c) C   (d) D

Directions for questions 6 to 10: Read the following information and answer the questions given under

There are five persons P, Q, R, S and T. One is a footballer, one is a cricketer, and one a table tennis player.

P & S are unmarried ladies and do not take part in any game. None of the ladies play football or cricket. There is a married couple in which T is a husband. Q is the brother of R and Q is neither a cricketer nor a table tennis player.

6. Who is the footballer ?
   (a) Q   (b) R
   (c) S   (d) T

7. Who is the table tennis player ?
   (a) Q   (b) R
   (c) S   (d) T

8. Who is the cricketer ?
   (a) Q   (b) R
   (c) S   (d) T

9. Who is the wife of T ?
   (a) P   (b) S
   (c) R   (d) Q

10. The three ladies in the group are.
    (a) PQR   (b) PRS
    (c) QRS   (d) PST

Directions for questions 11 and 12: In the following questions, a statement is followed by two explanatory statements numbered I and II. These explanatory statements have been given to answer the question asked in the main statement.

Choose your answer as:

(a) If the data in statement I alone is sufficient to answer the question.

(b) If the data in statement II alone is sufficient to answer the question.

(c) If the data in both the statements together is not sufficient to answer the question

(d) If the data in both the statements is needed to answer the question.

11. A and B are 2 sisters. P is A's friend. N is P's brother. X is M's best friend. Who is Y's friend?
    I. Y is sister of X.
    II. Z is very close to one of X or Y.

12. A child wants to buy 4 toys from a shop. His dad is not allowing him to buy the gun in the shop and has told him to buy anything else. The stock of dolls is no more with the shopkeeper. Which toy will the child surely buy?
    I. The boy is fond of toy cars.
    II. The toy car that the boy selected in the shop was most costly.

Directions for questions 13 and 14: Find the missing number in place of '?' from the options given in the questions.

13. 5, 9, 15, 23, 33, ?
    (a) 41   (b) 45
    (c) 48   (d) 49

14. 2, 4, 8, 14, 16, 22, ?
    (a) 24   (b) 25
    (c) 26   (d) 29

15. If Amar is the son of Mohan and Mohan is the son of Sohan, then how is Sohan related to Amar?
    (a) Father-in-law
    (b) Grandfather
    (c) Grandmother
    (d) Can't be determined

16. If 'A @ B' means 'A is sister of B'; 'A × B' means 'A is father of B'; and 'A – B' means 'A is brother of B'; then 'M is uncle of P' will be denoted by _____.
    (a) M @ K × P   (b) K – P @ M
    (c) M – K × P   (d) M × K – P

Directions for questions 17 to 20: In the following questions, there are 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 with commonly known facts. Read the conclusions and then decide which of them logically follows.

Mark answer:
(a) If only conclusion I follows
(b) If only conclusion II follows
(c) If both conclusions I and II follow
(d) If neither conclusion I nor II follows

17. **Statements:**
    All Indians are intellectuals.
    Some intellectuals are fools.
    Conclusions:
    I. Some Indians are not intellectuals.
    II. All intellectuals are Indians.

18. **Statements:**
    Some students are hardworking.
    No hardworking is intelligent.

Conclusions:
I. Students who are not hardworking are not intelligent.
II. No intelligent is hardworking.

19. **Statements:**
    Some cats are rats.
    All bats are rats.
    Conclusions:
    I. Some rats are bats.
    II. Cats which are not rats are bats.

20. **Statements:**
    All books are beautiful.
    No beautiful is good.
    Conclusions:
    I. Some books are not beautiful.
    II. Some books are good.

21. In a certain code language ROMAN is coded as MZLNQ, what will be the code for ENGLISH in that code language?
    (a) GRHFKMD   (b) GRHKFND
    (c) GRHKFMD   (d) GRFHKMD

22. In a certain code language 'tin tun ton' stands for 'live the life', 'tun kun mun' stands for 'life and me', 'ton cot nus' stands for 'live your dreams', what will be the code for 'live' in that code language?
    (a) tun   (b) ton
    (c) tin   (d) mun

23. Ajay facing east, travelled 10 km straight, took a left turn and moved another 5 km and then took another left turn and moved further 10 km. How far is he from the starting point?
    (a) 15 km   (b) 5 km
    (c) 10 km   (d) 20 km

24. I am facing east. I turn 180° in the clockwise direction and then 135° in the anticlockwise direction. Which direction am I facing now?
    (a) East   (b) South-east
    (c) West   (d) South-west

25. In the English alphabet, which letter is exactly in between the 6th letter, from left, and 10th letter from right?
    (a) U   (b) V
    (c) H   (d) There is no such letter

Directions for questions 26 to 30: Answer the following questions based on the alphanumeric series given below.

O S 4 L 2 8 A J Q 3 C 7 E F 6 5 X 9 H G O V I M

26. Three of the following 4 characters are alike, with respect to their position in the above sequence, and form a group. Which is the one that does not belong to that group?

    (a) A   (b) E
    (c) J   (d) H

27. Which character is the 7th character to the right of the 13th character from the left-hand side, if the second half of the above series is reversed?

    (a) X
    (b) H
    (c) E
    (d) 3

28. If the first half of the above series is reversed and the second half is kept the same, how many such letters would you find which are immediately preceded by a letter and immediately followed by a number?

    (a) 1   (b) 4
    (c) 2   (d) None of these

29. Three of the following 4 characters (numbers) are alike, with respect to their positions in the above sequence, and form a group. Which is the one that does not belong to that group?

    (a) 4   (b) 3
    (c) 7   (d) 8

30. Which character is the 8th character to the left of the 12th character from the right-hand side, if the first half of the above series is reversed?

    (a) 6   (b) L
    (c) Q   (d) None of these

Answer Key

1. (d)	2. (b)	3. (a)	4. (d)	5. (c)	6. (a)	7. (b)	8. (d)	9. (c)	10. (b)
11. (c)	12. (b)	13. (b)	14. (c)	15. (d)	16. (c)	17. (d)	18. (b)	19. (a)	20. (d)
21. (c)	22. (b)	23. (b)	24. (b)	25. (d)	26. (c)	27. (a)	28. (c)	29. (d)	30. (d)

Explanations

B is the opening sentence as it states the subject of the passage i.e. 'Drug abuse amongst youngsters'. E follows as the word 'this' mentioned in it refers to the 'drug abuse' mentioned in B. 'CA' forms a mandatory pair as C continues the point stated in E, that alienation from parents is responsible for increased drug abuse, by blaming the mother. A follows as it refers to 'other parental figures' apart from the mother. D is the last sentence as it continues the earlier statements in an extended mode. Hence, the correct sequence is 'BECAD'.

The information can be collated in the form of a table as shown below.

Person	Gender	Game	Wife/Husband
P	Female	–	–
Q	Male	Footballer	–
R	Female	T.T.	Wife of T
S	Female	–	–
T	Male	Cricketer	Husband of R

6. a Q is the footballer.

7. b R is the Table Tennis player.

8. d T is the cricketer.

9. c R is the wife of T.

10. b P & S are ladies as given in the initial information. R is the wife of T. Hence the ladies in the group are PRS.

11. c Even both the statements together are unable to answer the problem as the problem involves friends.

12. b Statement II implies that the toy car that the boy liked was available in the shop. Also given that his father has allowed him to buy anything other than toy gun. So he must buy the toy car.

13. b The series is the $1^2 + 4$, $2^2 + 5$, $3^2 + 6$, $4^2 + 7$, $5^2 + 8$ and the next term would be $6^2 + 9$.

14. c Multiples of 2 excluding multiples of 3 or 5.

15. d Can't be determined because we don't know the sex of Sohan.

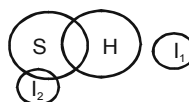16. c Obviously (c) as M is brother of K who is father of P

Draw the different types of Venn diagrams based on the given statements. The valid conclusion is the one which is common in all different Venn diagrams.
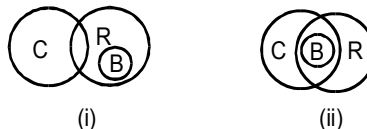
17. d
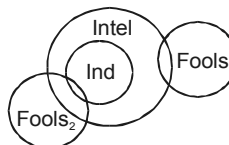
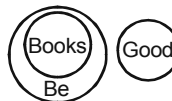From the given venn diagram we can see that neither conclusion I nor II follows.

18. b

From the given venn diagram we can see that conclusion II definitely follows.

19. a

(i) (ii)

There are 2 possible venn diagrams for this. When we observe both of them, we see that only conclusion I definitely follows.
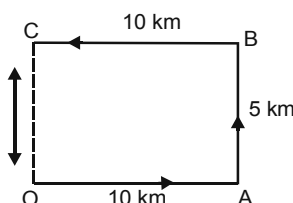
20. d

None of the given conclusions follows.

21. c The coding follows as

R(1) – 1 = M(5)   E(1) – 1 = G(7)

O(2) – 1 = Z(4)   N(2) – 1 = R(6)

M(3) – 1 = L(3)   G(3) – 1 = H(5)

A(4) – 1 = N(2)   L(4) – 1 = K(4)

N(5) – 1 = Q(1)   I(5) – 1 = F(3)

S(6) – 1 = M(2)

H(7) – 1 = D(1)
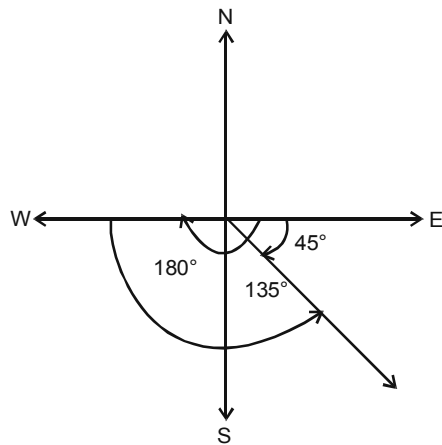
22. b From (I) and (III) we get 'ton' = 'live'.

23. b

24. b 180° CW + 135° ACW = 180 – 135 = 45° CW

So he will be facing in south-east, which is equal to 45° clockwise turn.

25. d Tenth letter from right end = 17th letter from left end, so midway letter in $\frac{6+17}{2} = \frac{23}{2}$ hence, there is no such letter.

26. c Except for J, all other options are in between a number or a letter.

27. a If the above half of the series is reversed then the given series would look like as

O S 4 L 2 8 A J Q 3 C 7 M I V O G H 9 X 5 6 F E

Hence, the 7th character to the right of the 13th character from the left hand side is X.

28. c If the first half of the series is reversed then the given series would look like as

7 C 3 Q J A 8 2 L 4 S O E F 6 5 X 9 H G O V I M

There are only two such letters.

29. d Except for the number 8, all the others are between two English letters.

30. d After the reversal of the first half

7C3QJA82L4SOEF65X9HGOVIM

The 12th character from the right is the letter 'O' and the 8th character to its left is the 'J'.