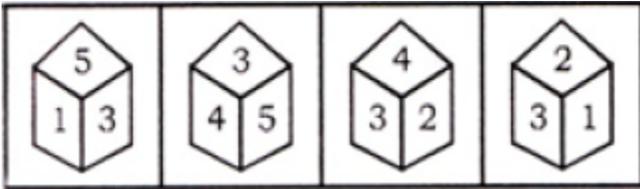


MISCELLANEOUS QUESTIONS

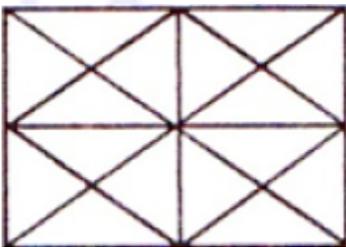
[SET - 37]

1. Which number will occur on the face opposite to 4 ? (a) 19 (b) 31 (c) 29 (d) 21



(a) 3 (b) 6 (c) 1 (d) 5

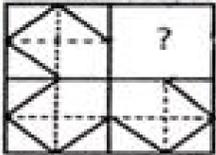
2. How many triangles are there in the given figures ?



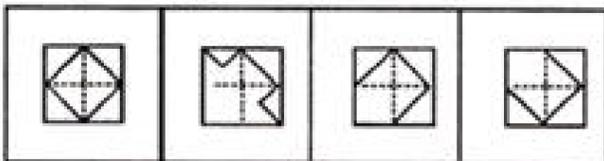
(a) 16 (b) 32 (c) 36 (d) 40 or more

3. Which answer figure will complete the pattern in the question figure ?

Question Figure :



Answer Figure :



(A) (B) (C) (D)

(a) A (b) B (c) C (d) D

4. Find the missing number from the given responses :

16	32	27
14	28	23
18	36	?

5. Find the missing number from the given responses :

121	81	49	100
100	64	25	36
21	17	12	?

(a) 15 (b) 16 (c) 13 (d) 9

6. Find the missing number from the given responses :

1	7	9
2	14	?
3	105	117

(a) 12 (b) 26 (c) 16 (d) 20

7. Select the correct combination of mathematical signs to replace * signs and to balance the given equation.

$$2 * 2 * 9 * 9 * 9 * 9$$

(a) $\div + = \div +$ (b) $\div \div = \div +$ (c) $\times + = - \div$ (d) $- + + = \times$

Directions (8-10): select the related word/letters/number from the given alternatives.

8. 482 : 241 :: 292 : ?

(a) 286 (b) 272 (c) 146 (d) 291

9. 7 : 52 : 17 : ?

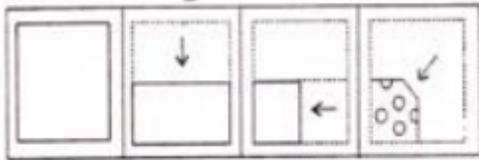
(a) 289 (b) 292 (c) 295 (d) 298

10. EEGH : QQST :: WWYZ : ?

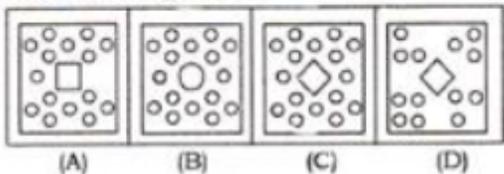
(a) MMOQ (b) IIKM (c) RRTV (d) PPRS

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

Question Figure :



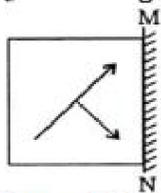
Answer Figure :



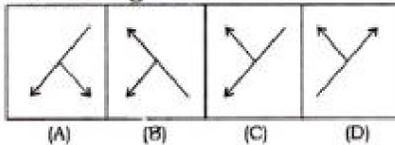
- (a) A (b) B (c) C (d) D

12. If a mirror is placed on the line MN, then which of the answer figures is the correct image of the given figure?

Question Figure :



Answer Figure :



- (a) A (b) B (c) C (d) D

13. Number of letters skipped in between adjacent letters in the series increases by one. Which of the following series observes the rule above ?

- (a) CPTOV (b) HJHQV (c) HCFKP (d) IKNRW

Directions (14-15): some equations are solved on the basis of a certain system. Find the correct answer for unsolved equation on that basis.

14. $58 \times 12 = 4$, $37 \times 96 = 5$, $11 \times 20 = 2$, $42 \times 12 = ?$

- (a) 2 (b) 3 (c) 4 (d) 5

15. Six friends A, B, C, D, E and F are sitting in a row facing East. C is between A and E. B is just to the

right of E but left of D. F is not at the right end. Who is at the right end?

- (a) D (b) B (c) E (d) C

Directions (16-22): Read the following information carefully and answer the questions which follow.

A, B, C, D, E, F, G and H are eight sportspersons, each of them playing a different game, viz Cricket, Football, Golf, Hockey, Chess, Baseball, Badminton and Tennis (not necessarily in the same order). All of them are seated around a circular table facing the centre. A, who plays Golf, sits third to the left of E. The one who plays Baseball sits second to the right of D. D, who plays Badminton, sits second to the right of B, who cannot sit adjacent to E. C, who plays Football, sits between the players of Chess and Baseball. G is a Tennis player, and sits second to the left of H, who is a Cricketer.

16. Who among the following pairs represent immediate neighbours of the Badminton player?

- (a) GA (b) AH (c) BH (d) AE

17. Which of the following is definitely true in the context of F?

- (a) F sits second to the left of the Cricketer.
 (b) F sits third to the right of A.
 (c) F is a Hockey player.
 (d) None of these

18. What is the position of B with respect to the Chess player?

- (a) Fourth to the right (b) Third to the left
 (c) Second to the right (d) Fourth to the left

19. How many persons are sitting between A and the one who plays Hockey, if counted clockwise from A?

- (a) One (b) Two (c) Three (d) Four

20. Which of the following games is played by the one who sits second to the left of the Baseball player?

- (a) Chess (b) Tennis (c) Cricket (d) None of these

21. The one who sits between the Tennis player and the cricketer plays which of the following games?

- (a) Hockey (b) Golf (c) Badminton (d) Chess

22. In which of the following pairs the player of first game (of the pair) sits on the immediate left of the player of the second game (of the pair)?

- (a) *Tennis-Football* (b) *Cricket-Hockey*
(c) *Baseball-Golf* (d) *Football-Chess*

23. The prevention of accidents makes it necessary that not only safety devices be used to guard exposed machinery but also that mechanics be instructed about safety rules which they must follow for their own protection and that lightening in the plant be adequate. This paragraph best supports the statement that industrial accidents

- (a) *are always avoidable*
(b) *may be due to ignorance*
(c) *can be eliminated with the help of safety rules*
(d) *safety rules are more strictly followed in Europe*

24. The state administration banned gathering at any place in the city during the period of visit of foreign dignitaries.

Which of the following assumptions is/are implicit in the above statement? (An assumption is something supposed or taken for granted.)

- (a) *It is violating the right to freedom of a citizen. In free India, people may gather at any place.*
(b) *Many people may ignore the prohibitory orders and gather to get a glimpse of the dignitaries.*
(c) *People may avoid gathering at any place in the city during the visit of foreign dignitaries to the city.*
(d) *People will start protesting against such unnecessary anti-democratic decisions.*

25. In a recent incident, at least 25 people were killed and many other injured when a bus fell into a river near a bridge. Which of the following is/are an effective step in order to avoid such an incident in future?

- A) All the buses should be advised to follow other routes.
B) The protection walls of the bridge should be made strong enough to avoid such accidents.
C) On moral grounds, the transport minister should resign from his post.
D) The bus driver should be arrested immediately to make necessary enquiry.

- (a) *Only A and B* (b) *Only B and C*
(c) *Only C and D* (d) *Only B and D*