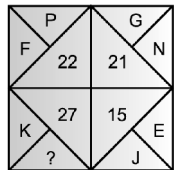




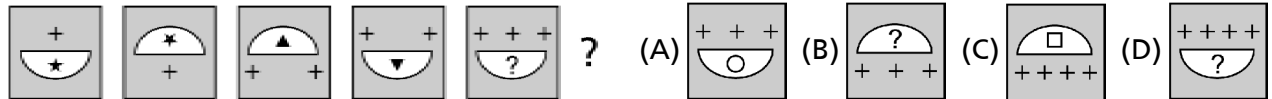
Chapters: 1 to 9
Class: 10
Maximum Marks: 25
Time: 35 Min.

- If P + Q means P is the son of Q and P = Q means P is the sister of Q. Then what does P = R + Q mean? []
 (A) P is the Daughter of Q (B) P is the Father of Q
 (C) P is the Brother of Q (D) P is the Uncle of Q
- Find the number which replaces the question mark. []

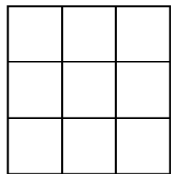


- (A) M (B) P (C) 32 (D) G

- A cube is coloured red on all faces. It is cut into 64 smaller cubes of equal size. How many cubes have no face coloured? []
 (A) 24 (B) 16 (C) 8 (D) 4
- Find the figure which comes next in the series given. []



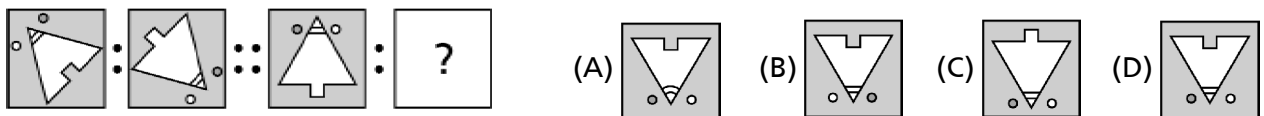
5. Count the number of squares in the following figure. []



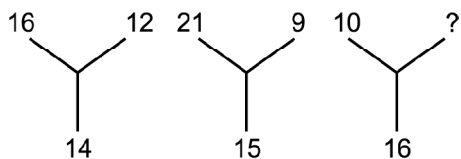
- (A) 14 (B) 15 (C) 19 (D) 12

- Vamshi starts walking straight towards east. After walking 75 metres, he turns to the left and walks 25 metres straight. Again he turns to the left, walks a distance of 40 metres straight, again he turns to the left and walks a distance of 25 metres. How far is he from the starting point? []
 (A) 25 metres (B) 50 metres (C) 115 metres (D) 35 metres

- Which shape or pattern completes the second pair in the same way as the first pair? []

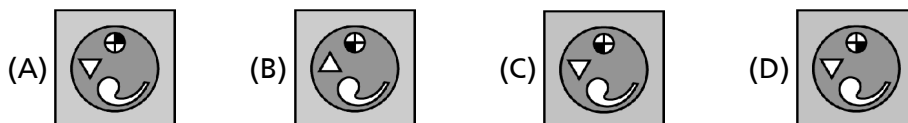


8. Find the number which replaces the question mark. []



- (A) 21 (B) 12 (C) 32 (D) 22

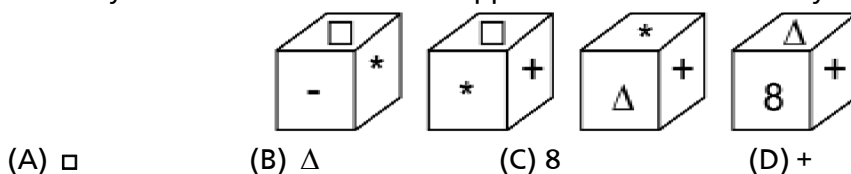
- Identify the water image of . []



- In each of the following questions one out of the four alternatives contains letters of the alphabet placed in a particular form. Find the one that does not belong to the group. []

- (A) TUVZ (B) CDFJ (C) KLNQ (D) RSUX

- Which symbol will be on the face opposite to the face with symbol *? []



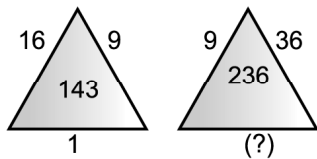
12. Find the water images of the words/numbers given GR98AP76ES []

(A) ɹɹ68ʌbɿ9ɹɹ (B) ɹɹə8ʌbɿ9ɹɹ (C) ɹɹə8ʌbɿ9ɹɹɹ (D) ɹɹə8Aɿbɿ9ɹɹɹ

13. Two friends start a race, and together they run for 50 m. Maria turns right and runs 60 m while Asiya turns left and runs 40 m. Then maria turns left and runs 50m while Asiya turns right and runs 50m. How far are the two friends now from each other? []

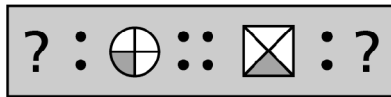
(A) 60 m (B) 20 m (C) 100 m (D) 50 m

14. Find the missing number. []



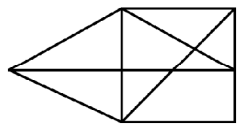
(A) 38 (B) 64 (C) 4 (D) 16

15. Identify the possible pair satisfying the relation below. []



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

16. How many triangles are there in the following figure? []

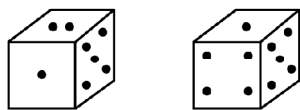


(A) 12 (B) 13 (C) 14 (D) 15

17. Identify the one which is different from the others. []

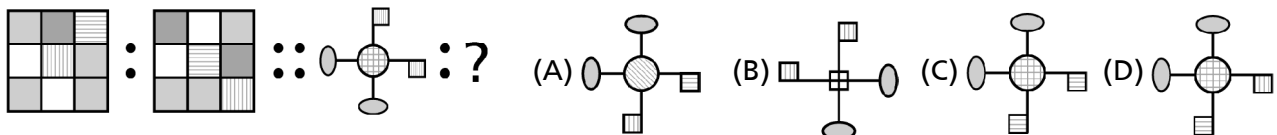
(A) (B) (C) (D)

18. Observe the dots on a dice (one to six dots) in the following figures. How many dots are contained on the face opposite to the containing four dots? []



(A) 2 (B) 3 (C) 5 (D) 6

19. Which shape or pattern completes the second pair in the same way as the first pair? []



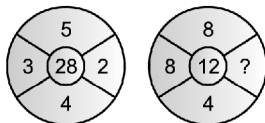
20. If Akash says, "Abhay's mother is the only daughter of my mother." How is Akash related to Abhay? []

(A) Brother (B) Father (C) Grand father (D) Maternal Uncle

21. Identify the mirror image of []

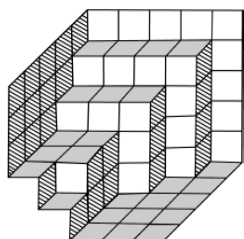
(A) (B) (C) (D)

22. Find the number which replaces the question mark. []



(A) 3 (B) 9 (C) 1 (D) 2

23. Count the number of cubes for the following figure. []

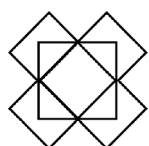


(A) 90 (B) 109 (C) 89 (D) 101

24. What comes next? 7, 26, 63, 124, 245, 342, ? []

(A) 511 (B) 512 (C) 513 (D) 521

25. How many rectangles does the following figure have? []



(A) 10 (B) 15 (C) 12 (D) 13