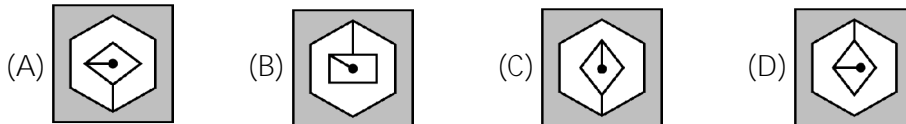




**Class: 10**
**Maximum Marks: 25**
**Time: 35 Min.**

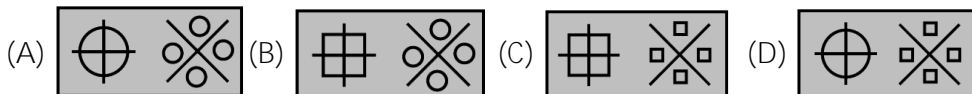
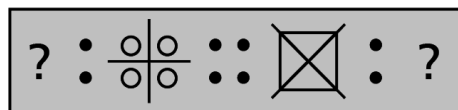
1. What comes next? [ ]



2. Find the water image of 'U 4 P 1 5 B 7' [ ]

(A) n 4 d j 2 B Δ (B) n 4 d j 2 B Δ (C) n 4 b j 2 B Δ (D) U 4 b j 2 B Δ

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



4. X and Y start walking in opposite directions X walked 5 km and Y walked 6 km. Then both turned to their right and walked 2 km. They turned to right again and walked 3 km again turned to right and walked 2 km. How much distnace apart are they from each other?

(A) 3 km (B) 5 km (C) 7 km (D) 9 km [ ]

5. Find the odd one out. [ ]



6. A is son of C while C and Q are the sisters to one another. Z is the mother of Q. If P is the son of Z, which one of the following statements is correct? [ ]

(A) Q is the grandfather of A. (B) P is the maternal uncle of A.  
(C) P is the cousin of A. (D) C and P are sisters to one another.

7. What comes next? 3, 7, 23, 71, 191, 463, ? [ ]

(A) 864 (B) 2046 (C) 1047 (D) 976

8. P, Q, R, S, T, U, V and W are sitting around a round table in the same order, for group discussion at equal distance. Their positions are clockwise. If V sits in the north, then what will be the position of S? [ ]

(A) East (B) South-east (C) South (D) South-west

9. If 'A + B' means that B is the mother of B, 'A ÷ B' means that A is the father of B, 'A - B' means that A is the sister of B. Then, which of the following relationship shows that P is the daughter of Q? [ ]

(A) Q ÷ P + N (B) Q + N ÷ P (C) Q - P ÷ N (D) Data inadequate

10. Identify the work that completes the matching pair. [ ]

? : QEHMDF :: WIDELY : HVCDXK

(A) FRINGE (B) STRING (C) FRANCE (D) DEMAND

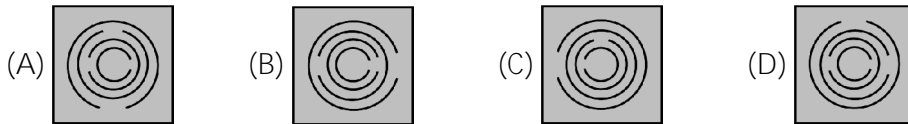
11. Pointing to a boy, Namrata says " He is the son of my grandfather's only child." How is that boy related to Namrata? [ ]

(A) Brother (B) Cousin (C) Uncle (D) Data inadequate

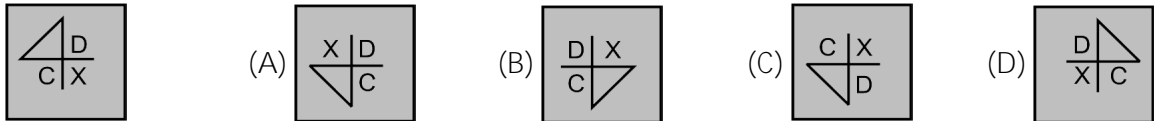
12. A man said to a lady, "The son of your only brother is the brother of my wife." What is the lady to the man? [ ]

(A) Mother (B) Sister (C) Sister of father-in-law (D) Grand mother

13. Identify the odd one out. [ ]

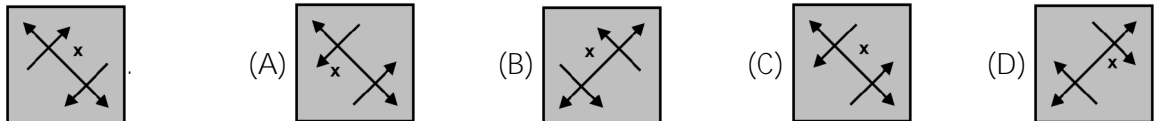


14. Find the water image of [ ]



15. Find the group which comes next in the series given. KM5, IP8, GS11, EV14, ? [ ]  
 (A) BX17 (B) CY18 (C) CZ17 (D) CY17

16. Identify the mirror image of [ ]



Directions for 17 to 18: Study the information given below carefully and answer the questions that follow.

On a playing ground, Dinesh, Kunal, Nitin, Atul and Prashant are standing as described below facing North.

- (i) Kunal is 40 metres to the right of Atul. (ii) Dinesh is 60 metres to the south of Kunal.
- (iii) Nitin is 25 metres to the west of Atul. (iv) Prashant is 90 metres to the north of Dinesh.

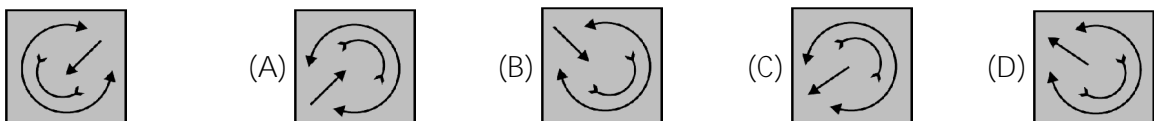
17. Who is to the North-East of the person who is to the left of Prashant? [ ]  
 (A) Dinesh (B) Nitin (C) Atul (D) Either Nitin or Dinesh

18. If a boy walks from Nitin, meets Atul followed by Kunal, Dinesh and then Prashant, how many metres has he walked if he has travelled the straight distance all through? [ ]  
 (A) 155 metres (B) 185 metres (C) 215 metres (D) 245 metres

19. Identify the odd one out. [ ]



20. Identify the mirror image of [ ]



21. If S - T means 'S' is the wife of 'T'. S + T means 'S' is the daughter of 'T' and S ÷ T means 'S' is the son of 'T' then what will M + J ÷ K mean? [ ]

- (A) 'K' is the father of 'M'. (B) 'M' is the grand daughter of 'K'.
- (C) 'J' is wife of 'K'. (D) 'K' and 'M' are brothers.

22. A rat runs 20m towards East and turns to right, runs 10m and turns to right, runs 9m and again turns to left, runs 5m and then turns to left, runs 12m and finally turns to left and runs 6m. Now, which direction is the rat facing? [ ]  
 (A) East (B) West (C) North (D) South

23. Pointing out to a photograph, a man tells his friend, "She is the daughter of the only son of my father's wife." How is the girl related to the man in the photograph? [ ]  
 (A) Daughter (B) Cousin (C) Mother (D) Sister

24. Identify the number that completes the matching pair. 7528 : 5306 : 4673 : ? [ ]  
 (A) 2367 (B) 2451 (C) 2531 (D) 2453

25. Find the figure which comes next in the series given. [ ]

