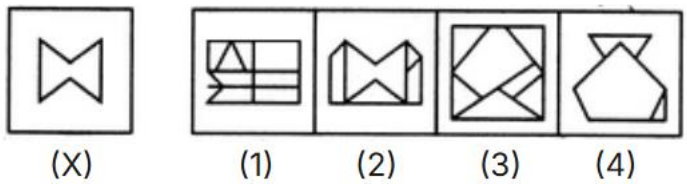
Week5_OLT5(Assessment)(LR)_CSE_Immersion_2025

Q1. In the following question, you are given a figure (X) followed by four alternative figures (1), (2), (3) and (4) such that figure (X) is embedded in one of them. Trace out the alternative figure which contains fig. (X) as its part.

Find out the alternative figure which contains figure (X) as its part.



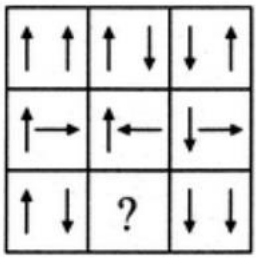
A. 1 B. 2 C. 3 D. 4

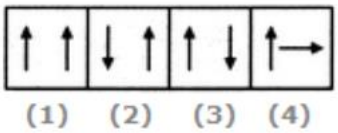
[Level-3; Topic-Embedded Figures; Wipro, NIIT Technology]

Answer: B
Solution:

Q2. In the following question, find out which of the answer figures (1), (2), (3) and (4) completes the figure matrix.

Select a suitable figure from the four alternatives that would complete the figure matrix.





A. 1 B. 2 C. 3 D. 4

[Level-3; Topic-Figure Matrix; Wipro, NIIT Technology]

Answer: A
Solution:

In each row, the second figure is obtained from the first figure by reversing the direction of the RHS arrow and the third figure is obtained from the second figure by reversing the direction of both the arrows.

Q3. In the following question, group the given figures into three classes using each figure only once.

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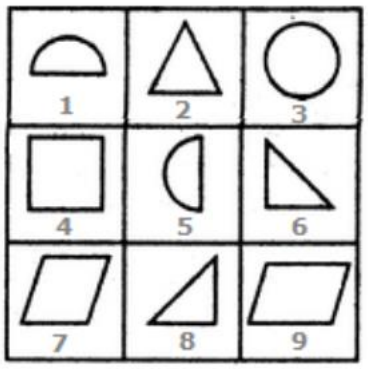


A. 1,3,5 ; 2,6,9 ; 4,7,8 B. 2,3,4 ; 5,6,8 ; 9,1,7
C. 1,3,5 ; 2,6,8 ; 4,7,9 D. 3,2,4 ; 6,5,8 ; 7,9,1
[Level-3; Topic-Grouping of Figures; Accenture, Wipro, NIIT Technology]

Answer: C
Solution:
1, 3, 5 are figures having partially or completely curved boundaries.
2, 6, 8 are all triangles.
4, 7, 9 are all quadrilaterals.

Q4. In the following question you are given a combination of alphabets and/or numbers followed by four alternatives (1), (2), (3) and (4). Choose the alternative which is closely resembles the mirror image of the given combination.

Choose the alternative which is closely resembles the mirror image of the given combination.

MALAYALAM

(1) MALAYALAM (2) MALAYALAM
(3) MALAYALAM (4) MALAYALAM

A. 1 B. 2 C. 3 D. 4
[Level-3; Topic-Mirror Images; Accenture, Wipro]

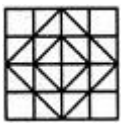
Answer: B

Q5. In the following question, select a figure from amongst the four alternatives, which when placed in the blank space of figure (X) would complete the pattern.

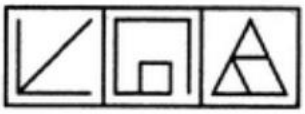
Identify the figure that completes the pattern.

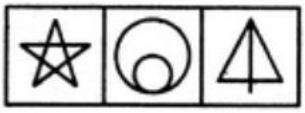
A. 1 B. 2 C. 3 D. 4
[Level-3; Topic-Pattern Completion; Accenture, Wipro]

Answer: D
Solution:

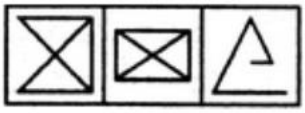


Q6. **Choose the set of figures which follows the given rule.**
Rule: Any figure can be traced by a single unbroken line without retracting.

(1) 

(2) 

(3) 

(4) 

A. 1 B. 2 C. 3 D. 4
[Level-3; Topic-Rule Detection; Accenture, Wipro]

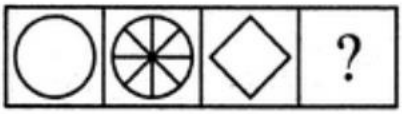
Answer: B

Directions (Q7 to Q8):

Each of the following questions consists of two sets of figures. Figures A, B, C and D constitute the Problem Set while figures 1, 2, 3, 4 and 5 constitute the Answer Set. There is a definite relationship between figures A and B. Establish a similar relationship between figures C and D by selecting a suitable figure from the Answer Set that would replace the question mark (?) in fig. (D).

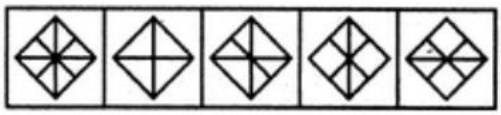
Q7. Select a suitable figure from the Answer Figures that would replace the question mark (?).

Problem Figures:



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

Answer Figures:



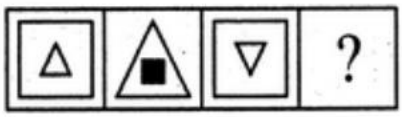
(1) (2) (3) (4) (5)

A. 1 B. 2 C. 3 D. 4 E. 5
[Level-3; Topic-Picture Analogy; Accenture, Capgemini, Wipro, NIIT Technology]

Answer: A
Solution:
The figure gets divided into eight equal parts.

Q8. Select a suitable figure from the Answer Figures that would replace the question mark (?).

Problem Figures:



Answer Figures:

A. 1 B. 2 C. 3 D. 4 E. 5

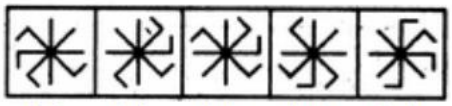
[Level-3; Topic-Picture Analogy; Accenture, Capgemini, Wipro, NIIT Technology]

Answer: E

Solution:

The inner element enlarges to become the outer element while the outer element reduces in size, turns black and becomes the inner element.

Q9. Choose the figure which is different from the rest.



A. 1 B. 2 C. 3 D. 4 E. 5

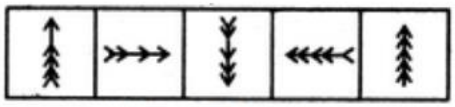
[Level-3; Topic-Picture Classification; Accenture, Capgemini, Wipro, NIIT Technology]

Answer: B

Solution:

Figure (1) and fig. (3) can be rotated into each other and fig. (4) and fig. (5) can be rotated into each other.

Q10. Choose the figure which is different from the rest.



A. 1 B. 2 C. 3 D. 4 E. 5

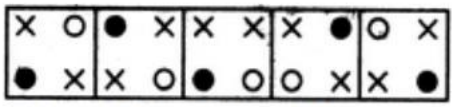
[Level-3; Topic-Picture Classification; Accenture, Capgemini, Wipro, NIIT Technology]

Answer: B

Solution:

Each one of the figures except fig. (2), consists of five arrowheads.

Q11. Choose the figure which is different from the rest.



A. 1 B. 2 C. 3 D. 4 E. 5

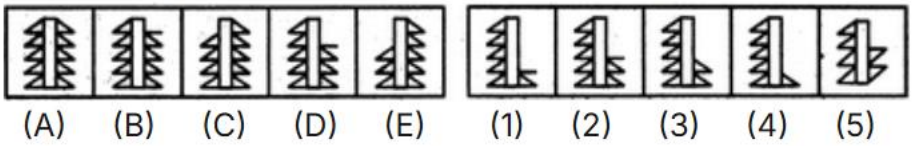
[Level-3; Topic-Picture Classification; Accenture, Capgemini, Wipro, NIIT Technology]

Answer: C

Solution:
In each one of the figures except fig. (3), the two crosses (x) appear in the diagonally opposite corners.

Q12. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures: Answer Figures:

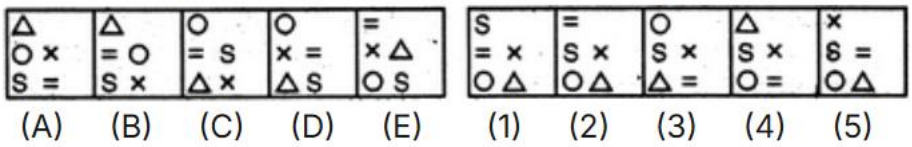


A. 1 B. 2 C. 3 D. 4 E. 5
[Level-3; Topic-Picture Series, Accenture, Capgemini, Wipro, NIIT Technology]

Answer: B
Solution:
In one step, the figure gets laterally inverted and one line segment is lost from the upper end of the RHS portion of the figure. In the next step, the figure gets laterally inverted and one line segment is lost from the upper end of the LHS portion of the figure.

Q13. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures: Answer Figures:



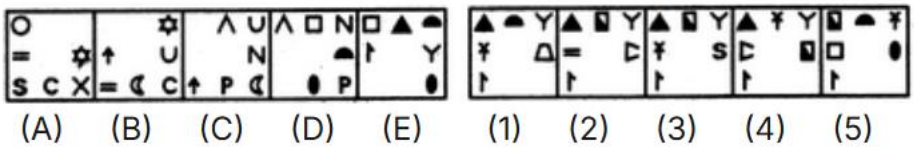
A. 1 B. 2 C. 3 D. 4 E. 5
[Level-3; Topic-Picture Series, Accenture, Capgemini, Wipro, NIIT Technology]

Answer: B
Solution:

The elements move in the sequence's  and  alternately.

Q14. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures: Answer Figures:



A. 1 B. 2 C. 3 D. 4 E. 5
[Level-3; Topic-Picture Series, Accenture, Capgemini, Wipro, NIIT Technology]

Answer: D
Solution:

All the elements move half-a-side of the square boundary in ACW direction in each step. Also, first, third and fifth elements are replaced by new elements in one step and second, fourth and sixth elements are replaced by new elements in the next step. The two steps are repeated alternately.

Q15. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures: Answer Figures:

A. 1 B. 2 C. 3 D. 4 E. 5

[Level-3; Topic-Picture Series, Accenture, Capgemini, Wipro, NIIT Technology]

Answer: E

Solution:

In the first step, the ACW end element moves two spaces (each space is equal to half-a-side of the square boundary) in an ACW direction. In the second step, the CW-end element moves three spaces ACW. In the third step, the remaining element moves four spaces ACW. The three steps are repeated to continue the series.