Week5_OLT1(LR)_CSE_Immersion_2025
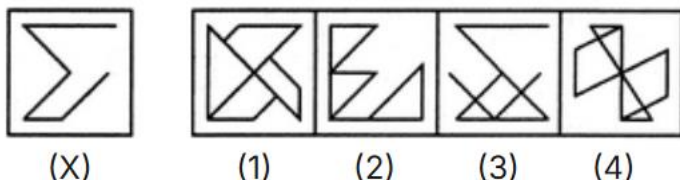
Q1. In the following question, you are given a figure (X) followed by four alternative figures (1), (2), (3) and (4) such that figure (X) is embedded in one of them. Trace out the alternative figure which contains fig. (X) as its part.
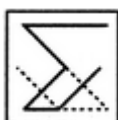
Find out the alternative figure which contains figure (X) as its part.

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

[Level-3; Topic-Embedded Figures; Wipro, NIIT Technology]
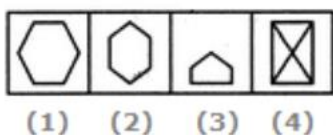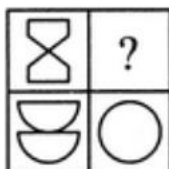
Answer: C
Solution:

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

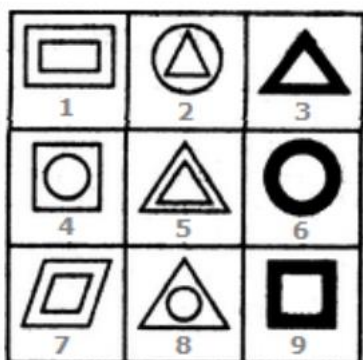**[Level-3; Topic-Figure Matrix; Wipro, NIIT Technology]**

Answer: B
Solution:

The two parts of the first figure are rearranged and joined along the longer sides. The common side is then lost to form the second figure.

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

Group the given figures into three classes using each figure only once.

A. 1,5,7 ; 2,4,6 ; 3,9,8   B. 1,5,7 ; 2,4,8 ; 3,6,9
C. 1,4,7 ; 2,5,8 ; 3,6,9   D. 1,7,9 ; 3,5,8 ; 2,4,6

[Level-3; Topic-Grouping of Figures; Accenture, Wipro, NIIT Technology]

Answer: B
Solution:
1, 5, 7 have two similar elements, one inside the other.
2, 4, 8 have one element placed inside a different element.
3, 6, 9 have two similar elements, one inside the other and the area between the two elements is shaded.

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.

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

Answer: A

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: B

Solution:

Directions(Q6 to Q7):

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).
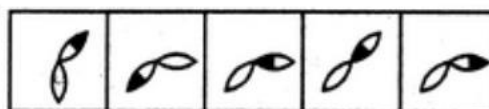
Q6. Select a suitable figure from the Answer Figures that would replace the question mark (?).

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

Answer: C
Solution:
The half-shaded leaf rotates 135°ACW and the unshaded leaf rotates 135°CW.

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

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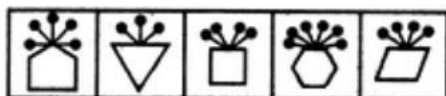**[Level-3; Topic-Picture Analogy; Accenture, Capgemini, Wipro, NIIT Technology]**

Answer: A
Solution:
The upper element is converted to an element similar to the lower elements and each one of the lower elements is converted to an element similar to the upper element.

Q8. 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: A
Solution:
The pins, equal in number to the number of sides in the main figure are attached to the midpoint of a side of the main figure in case of figures (2), (3), (4) and (5). In fig. (1), these pins are attached to a vertex of the main figure.

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: C
Solution:
In all other figures, the two line segments are parallel to 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: A
Solution:
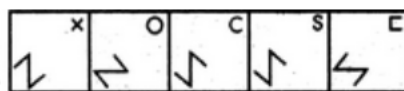All other figures can be rotated into each other.

Q11. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

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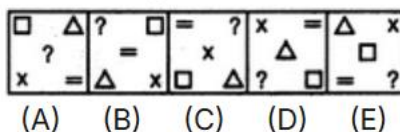**[Level-3; Topic-Picture Series, Accenture, Capgemini, Wipro, NIIT Technology]**

Answer: C
Solution:
In each step, element at the upper-right position gets enlarged, inverts vertically and reaches the lower-left corner; the existing element at the lower-left position, is lost and a new small element appears at the upper-right position.

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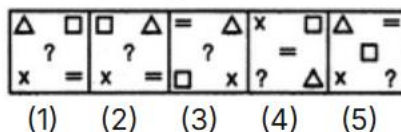
Problem Figures:

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

Answer Figures:

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

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

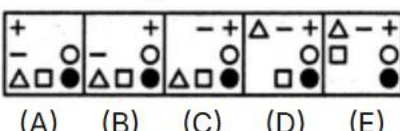**[Level-3; Topic-Picture Series, Accenture, Capgemini, Wipro, NIIT Technology]**

Answer: B
Solution:
In each step, the elements move in the sequence.

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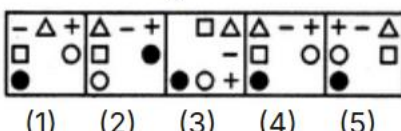
Problem Figures:

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

Answer Figures:

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

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

[Level-3; Topic-Picture Series, Accenture, Capgemini, Wipro, NIIT Technology]
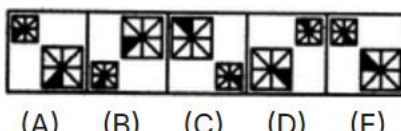
Answer: D
Solution:
In each step, the CW-end element moves to the ACW-end position.

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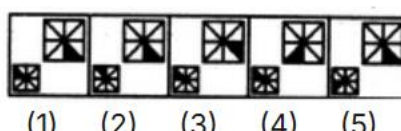
Problem Figures:

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

Answer Figures:

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

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

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

Answer: A
Solution:
Both the larger and the smaller squares move to the adjacent corner ACW in each turn. Also, the shading in the smaller square moves 1, 2, 3, 4, 5, ... steps ACW sequentially and the shading in the larger square moves 1, 2, 3, 4, 5,.... steps CW sequentially.

Q15. Choose the alternative which is closely resembles the water image of the given combination.

ACOUSTIC

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

Answer: B