

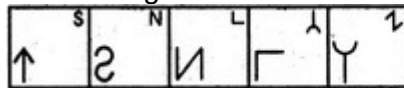


Unit-IV

Figure Series

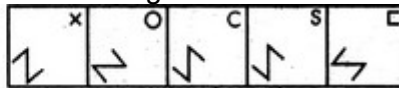
1. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:



- (A) (B) (C) (D) (E)
- (a) 1
(b) 2
(c) 3
(d) 4
(e) 5

Answer Figures:

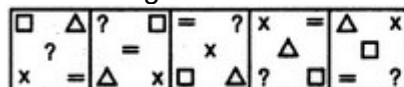


- (1) (2) (3) (4) (5)

- **Answer:** Option (c)
- **Explanation:**
- 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.

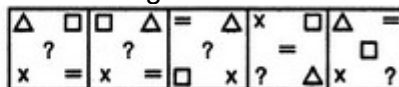
2. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:



- (A) (B) (C) (D) (E)
- (a) 1
(b) 2
(c) 3
(d) 4
(e) 5

Answer Figures:



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

- **Answer:** Option (b)
- **Explanation:**
- In each step, the elements move in the sequence.

3. 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:



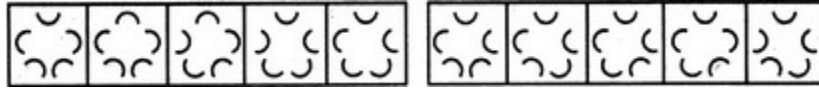
SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

Accredited by NAAC-UGC with 'A++' Grade (Cycle III) &

Accredited by NBA (B.E - CSE, EEE, ECE, Mech & B.Tech.IT)



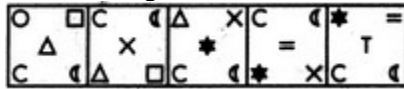
(A) (B) (C) (D) (E) (1) (2) (3) (4) (5)

(a) 1 (b) 2 (c) 3 (d) 4 (e) 5

- **Answer:** Option (a)
- **Explanation:**
- One, two, three, one, two, three.....arcs get inverted sequentially. This inversion takes place in an ACW direction.

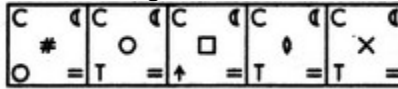
4. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:



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

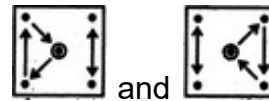
Answer Figures:



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

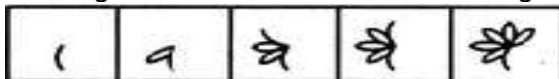
(a) 1 (b) 2 (c) 3 (d) 4 (e) 5

- **Answer:** Option (d)
- **Explanation:**



- The symbols move in the sequences and alternately. In each step, the symbol that reaches the-encircled position gets replaced by a new symbol.
5. 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) (1) (2) (3) (4) (5)
(a) 1 (b) 2 (c) 3 (d) 4 (e) 5

Answer: Option (a)

Explanation:

Two and three half-leaves are added to the figure alternately. The addition of half-leaves takes place in an ACW direction.



SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

Accredited by NAAC-UGC with 'A++' Grade (Cycle III) &

Accredited by NBA (B.E - CSE, EEE, ECE, Mech & B.Tech.IT)



Odd man out

Formulas For Odd Man Out Questions

Odd One Out in Numbers:

Try to check for the difference between numbers or multiplication, division pattern.

Q) 36, 54, 18, 27, 9, 18.5, 4.5

a) 4.5 b) 18.5 c) 54 d) 18

Answer: b) 18.5

Solution: Alternate numbers are divided by 2

Odd One Out in Alphabets:

Q) GC, JN, MI, PT, SO

a) PT b) GC c) JN d) So

Answer: PT

Odd One Out in Words:

Q) Mars, Earth, Saturn, Sun, Neptune, Mercury

Odd One: Sun

Odd Man Out Questions With Answers

Q1) 3, 5, 11, 14, 17, 21

A) 21

B) 17

C) 14

D) 3



SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

Accredited by NAAC-UGC with 'A++' Grade (Cycle III) &

Accredited by NBA (B.E - CSE, EEE, ECE, Mech & B.Tech.IT)



Q2) 8, 27, 64, 100, 125, 216, 343

- A) 27
- B) 100
- C) 125
- D) 343

Solution : (c)

Q5) Find the odd man out. 1, 3, 9, 12, 19, 29

- A) 12
- B) 9
- C) 1
- D) 3

Solution :

12 is an even number. All other given numbers are odd

Q6) Find the odd man out: 3, 7, 15, 17, 22, 27, 29.

- A) 15
- B) 17
- C) 22
- D) 27

Solution :

Each of the numbers is odd number except 22. The number '22' is the only even number



SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

Accredited by NAAC-UGC with 'A++' Grade (Cycle III) &

Accredited by NBA (B.E - CSE, EEE, ECE, Mech & B.Tech.IT)



Q7) Find the Missing Number 2, 6, 12, 20, 30, 42, 56, __

A) 60

B) 64

C) 72

D) 70

Solution :

Pattern is $1 * 2, 2 * 3, 3 * 4, 4 * 5, 5 * 6, 6 * 7, 7 * 8$

i.e) $8 * 9 = 72$

Q8) 6, 9, 15, 21, 24, 28, 30

A) 28

B) 21

C) 24

D) 30

Solution :

Each of the numbers except 28, is a multiple of 3.

Q9) Find the odd one from the following:

A) Hard disk

B) RAM

C) Windows XP

D) CPU



SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

Accredited by NAAC-UGC with 'A++' Grade (Cycle III) &

Accredited by NBA (B.E - CSE, EEE, ECE, Mech & B.Tech.IT)



Solution :

Windows XP is the operating system where as others related to computer parts.

Q10) Find the Missing Number 8, 24, 12, 36, 18, 54, __

A) 108

B) 27

C) 68

D) 72

Solution :

Numbers are alternatively multiplied by 3 and divided by 2

i.e) $54/2 = 27$