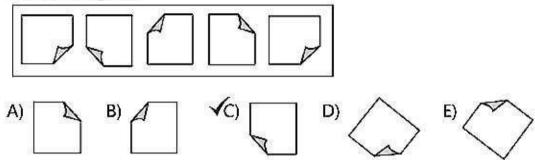
# Section: Abstract Reasoning

**DIRECTIONS for the question:** In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

### Question No.: 1

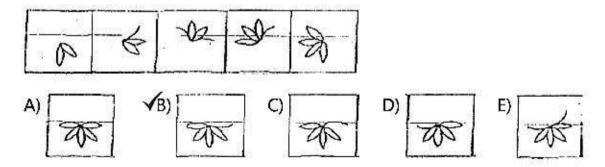
# **Problem figures**



**Explanation:** Observing the folded part we find that the fifth figure is same as first figure so the next figure should be same as second figure. Hence option 3.

**DIRECTIONS for the question:** In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

### Question No.: 2



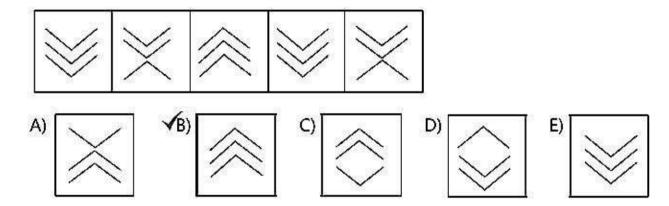
#### Explanation:-

Everytime a part of petal is added and the figure turns 45° anticlockwise and new petal part is added on the front while moving anticlockwise. Hence 2nd option is the next pattern



# Question No.: 3

# **Problem figures**

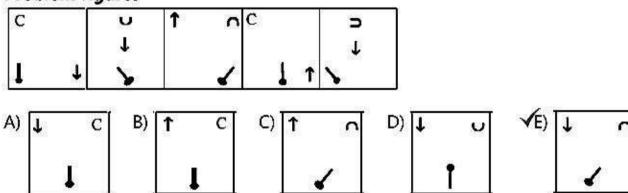


**Explanation:-** Observing the pattern we see that the second figure is repeated in the fifth figure so third figure gets repeated in the next figure which is option 2.

**DIRECTIONS for the question:** In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

# Question No.: 4

#### **Problem figures**

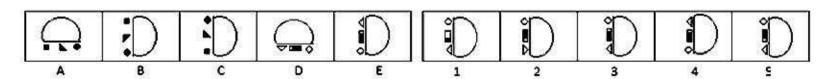


**Explanation:-** Observing the pendulum going we see that firstly it moves one space at a time in clockwise direction and secondly it tilts  $45^{\circ}$ 

to the right and then  $90^{\circ}$  to the left and then becomes straight. Now following the same pattern it should be tilting  $90^{\circ}$  to the left which is only in option 5.

**DIRECTIONS for the question:** In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

### Question No.: 5



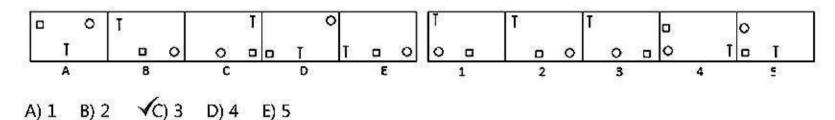
A) 1 B) 2 √C) 3 D) 4 E) 5

### **Explanation:-**

The entire fig. Moves  $90^0$  cw. Pic C is the water image of pic 2. The process restarts with a new pic at D.



### Question No.: 6

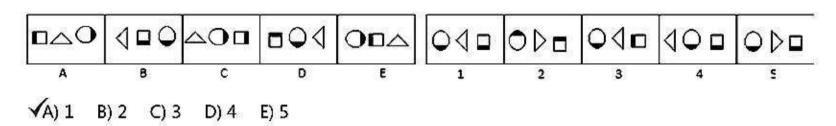


### **Explanation:-**

Two symbols exchange their positions and the remaining symbol moves CW by one side. From pic 2 to 3, he other two symbols interchange. Then from pic 3 to 4 the remaining combination of the pair swaps. This pattern continues.

**DIRECTIONS for the question:** In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

# Question No.: 7

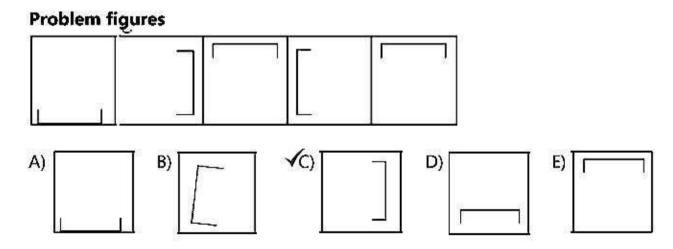


#### Explanation:-

After the two leftmost symbols swap they both turn  $90^{\circ}$  ACW, whereas the remaining symbol turns  $90^{\circ}$  CW. The pattern continues with a new pair in each subsequent move.

**DIRECTIONS for the question:** In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

### Question No.: 8



**Explanation:-** The square bracket is moving in  $90^{\circ}$ ACW direction in each step for the first four figures. Now fifth figure onwards it starts moving in the  $90^{\circ}$  CW direction. Hence the figure second gets repeated which is only in option 3.

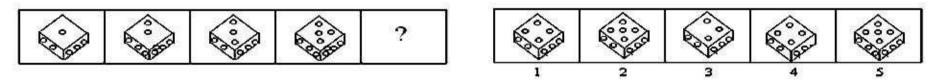
### Question No.: 9

In the questions given below which one of the five answer figures on the right should come after the problem figures?





### Question No.: 10



A) 1  $\sqrt{B}$ ) 2 C) 3 D) 4 E) 5

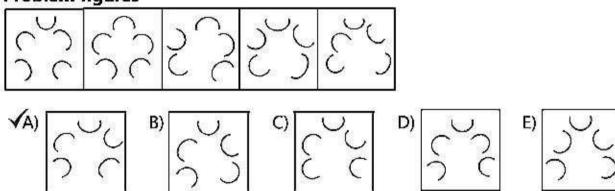
# Explanation:-

Circles on top face increase by 1, on left face follows 2,-3,-2 pattern & front facing face follows the 3, -4, -3

**DIRECTIONS for the question:** In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

# Question No.: 11

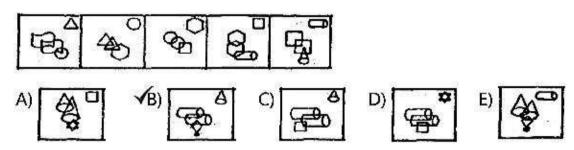
**Problem figures** 



**Explanation:-** Observing the pattern we see that different number of **C**'s get inverted. In the second figure only 1 gets inverted, then next 2 invert and lastly the remaining 3 invert. The process is repeated in the 4th figure when again 1 gets inverted so following the pattern the next 2 should get inverted which happens only in choice 1.

**DIRECTIONS for the question:** In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

# Question No.: 12



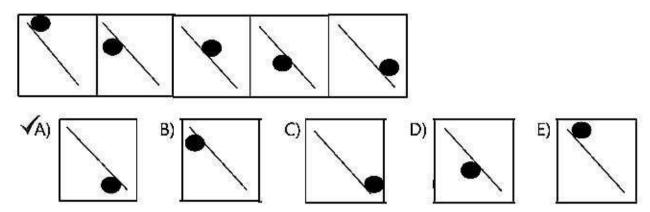
### Explanation:-

Figure at the right corner changes to 2 similar figures in the middle, the bottom figure goes to the upper right corner. On this basis, options A, D and E are eliminated. Out of the remaining 2 options, option C is further eliminated beacuse no figure has to be repeated in the answer (square is repeated in option 3). Hence, the only remaining option is (B).

**DIRECTIONS for the question:** In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?



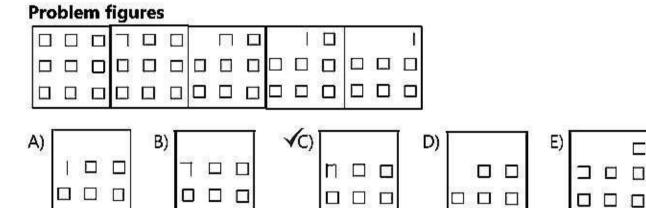
### Question No.: 14



**Explanation:**- The ball gets slided down in a phased manner with every alternate figure it is upside and downside. Now observing the pattern the ball should be downside to the righthand corner which only happens in option 1.

**DIRECTIONS for the question:** In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

### Question No.: 15

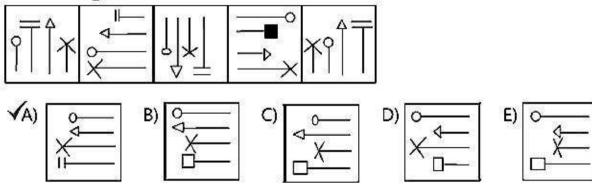


**Explanation:** Observing the pattern being followed we see that the number of small lines being removed follow the pattern -2,-3,-2,-4,-2 and so on from figure 2 onwards. Hence the number of lines being removed will be 2 which is only in option 3.

**DIRECTIONS for the question:** In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

### Question No.: 16

### **Problem figures**

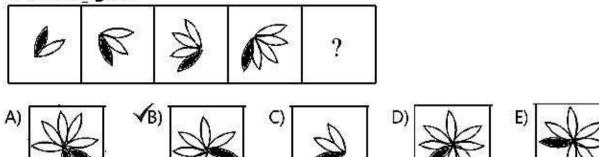


**Explanation:-** Checking the pattern we see that firstly the whole figure gets inverted 90° ACW and secondly the symbol on the extreme right is moved to the extreme left and the middle two symbols in the original figure are exchanged. This is only true in option A.



# Question No.: 18

**Problem figures** 

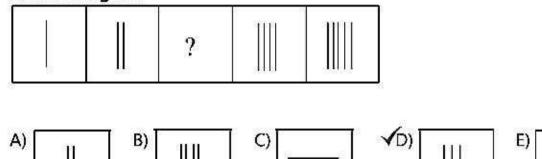


**Explanation:**- The number of petals being added increase by one everytime so the number of petals in the next figure will be 6 which is only in option2.

**DIRECTIONS for the question:** Select a figure from the alternatives, which when placed in the blank space of problem figure would complete the pattern.

Question No.: 19

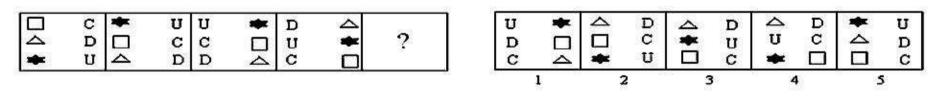
**Problem figures** 



**Explanation:-** The number of lines being added increase by one everytime so the number of lines in the next figure will be 3 vertical lines which is only in option 4.

**DIRECTIONS for the question:** In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

Question No.: 20

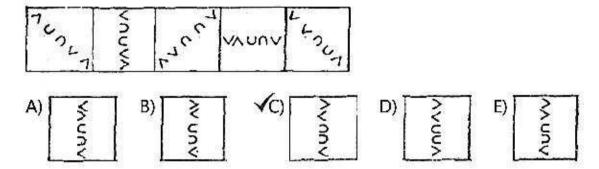


A) 1 B) 2 √C) 3 D) 4 E) 5

### **Explanation:-**

In 2nd box last Fig from both sides become 1st Fig & other are pushed down. In 3rd box Fig on left exchange positions with Fig on right. Once again last Fig from both sides become 1st Fig. so now the next box should contain Fig from both sides exchanging their places.

### Question No.: 21

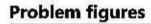


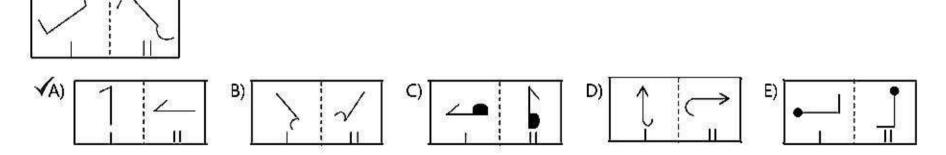
### Explanation:-

The picture is moving 45° clockwise and the two middle  $\underline{\boldsymbol{u}}$ 's are changing direction one by one so now the answer should have both  $\underline{\boldsymbol{u}}$ 's facing left i.e. answer is option 3.

**DIRECTIONS for question:** In the following question, there are two Problem Figures (un-numbered figures) followed by five Answer Figures (numbered as A, B, C, D & E). There are certain common characteristics/properties between the two Problem Figures. Select a figure from amongst the Answer Figures which shows similar characteristics/properties as shown by the Problem Figures.

### Question No.: 22

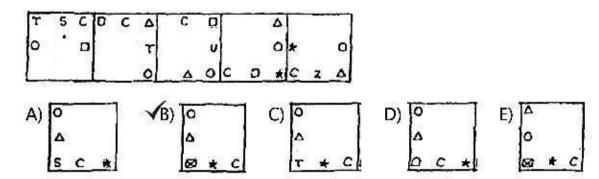




**Explanation:** Observing the above figures, we see that firstly the image gets inverted 90° CW & now its mirror image is placed. This is only followed in the option A.

**DIRECTIONS for the question:** In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

#### Question No.: 23

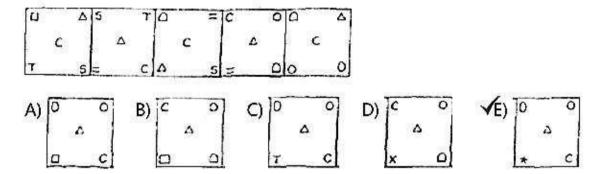


### Explanation:-

The six figures are rotating anticlockwise and a new figure is added instead of middle figure. Hence answer is option 2.



# Question No.: 24



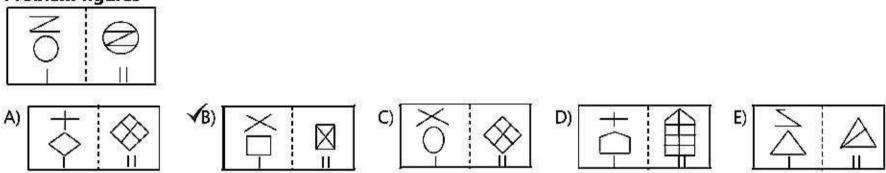
### Explanation:-

Studying the position of  $\underline{\mathbf{C}}$  we check that it is moving one step up and down diagonally so it should be placed in the bottom right corner and a new figure comes on the lower left hand corner. So, answer is option 5.

**DIRECTIONS for the question:** In the question given below which one of the answer figures should come after the problem figures given, if the sequence were continued?

# Question No.: 25

# **Problem figures**



**Explanation:**- Observing the pattern we see that the image in figure I gets inserted in the figure II which is happening only in option 2.

