# **Rule Detection**

# **Learning Objectives**

- Rule Detection
- Types of Questions

# **Rule Detection**

In this type of question, a set of figures is given which follow the same rule. On the basis of this rule, the answer figure is to be selected. There are mainly two types of questions asked on this topic.

### Type - I

In this kind of questions, a rule has been given in the form of a statement and on the basis of this rule a set of figures is to be detected following the rule.

### Example 1

## Rule: Closed figure becomes more and more open.



(e) None of these

# Answer: (a)

**Explanation:** The number of lines making the closed figure decreases at every step.

# Example 2

Rule: Closed figure becomes more and more open and open figure becomes more and more closed.





(e) None of these

## Answer: (a)

**Explanation:** The square which is a closed figure looses one side at each step and the arc which is an open figure gradually becomes a circle.

# **Commonly Asked Questions**

Rule: The number of straight lines forming the geometrical pattern goes on increasing.



(e) None of these

Answer: (c)

**Explanation:** The number of straight line forming the geometrical pattern is 3, 4, 5 and 6.

### Rule: The series become complex as it proceeds.



(e) None of these **Answer: (c)** 

**Explanation:** The number of lines inside the square is increased at each step making the series complex as it proceeds.

### Type - II

In this type of questions, a set of figures is given in a matrix. All figures in the matrix follows the same rule. To solve these questions, one should look at the figures in matrix carefully and on the basis of this rule, find the figure that fits in the blank box.

### • Example 1



(e) None of these

### Answer: (d)

**Explanation:** In each row the components of the figure in first column are removed from the figure given in the second column which gives the components of the third column.

#### • Example 2



(e) None of these

#### Answer: (a)

**Explanation:** Each row contains a circle, a rhombus and a square.

# **Commonly Asked Questions**





(e) None of these

### Answer: (c)

**Explanation:** in each row the figure in the first column is divided into two part in the second column and into four parts in the third column.



(e) None of these

Answer: (a)

**Explanation:** In each row one element is increased at each step.