

ALPHABET TEST

Chapter M6

1. If the position of the 1st and 6th letters in the word DISTRIBUTE are interchanged; similarly the position of the 2nd and 7th, the 3rd and 8th and so on, which of the following letters will be 5th from left after interchanging the positions?

- a. I
- b. E**
- c. S
- d. T

2. Assertion (A): The filament in an electric bulb doesn't burn up although its temperature is about 2700 °C when it glows Reason (R): Bulb filament is made of tungsten

- a. Both A and R are true but R is not correct explanation of A**
- b. Both A and R are true and R is correct explanation of A
- c. A is true; R is false
- d. A is false; R is true

Section 2

NUMERICAL ANALOGY

Chapter M19

1. Selection the related number from given alternatives:

144:18::

- a. 13:169
- b. 169:169
- c. 96:12**
- d. 256: 16

CLASSIFICATION / ODD-ONE-OUT

2. Find the odd one which does not belong to a set of numbers given

4422,2442,4242,2244,4224

- a. 4242
- b. 2244**

- c. 4224
- d. 4422

3. Find the odd one which does not belong to a set of numbers given

30, 10, 130, 630, 520

- a. 520
- b. 10
- c. 130
- d. 630**

4. Find the odd one which does not belong to a set of numbers given

358, 245, 134, 862, 156

- a. 134
- b. 156
- c. 245
- d. 862**

5. Find the odd one which does not belong to a set of numbers given

89, 78, 86, 80, 85, 82, 83

- a. 83
- b. 82
- c. 86**
- d. 88

6. Find the odd one which does not belong to a set of numbers given

8, 13, 21, 32, 47, 63, 83

- a. 47**
- b. 13
- c. 32
- d. 83

Chapter M26

1. What is the remainder when 4^{3000} is divided by 9?

- a. 9
- b. 4

c. 1
d. Cannot be determined

2. Find the remainder when 2^{36} is divided by 37

a. 1
b. 2
c. 3
d. 37

Chapter M28

1. Calculate $54^2 = ?$

a. 2926
b. 2916
c. 2936
d. 2956

Chapter M32

1. A can do a certain job in 12 days. B is 60% more efficient than A. How many days does B alone take to do the same job?

a. $7\frac{1}{2}$ days
b. $6\frac{1}{2}$ days
c. $5\frac{1}{2}$ days
d. $4\frac{1}{2}$ days

Chapter M33

1. If the selling price is doubled, profit triples. Find the profit percent.

a. $66\frac{2}{3}$
b. 100
c. $105\frac{1}{3}$
d. 120

Chapter M34

1. $37\frac{1}{2}\%$ of Rs. 48 is

- a. 20
- b. 16
- c. 18

None of these

2. In a fraction, the numerator is increased by 25% and the denominator is diminished by 10%. The new fraction obtained is $\frac{5}{9}$. The original fraction is

- a. $\frac{2}{5}$
- b. $\frac{4}{5}$
- c. $\frac{3}{5}$

d. None of these

3. The length of a rectangle is increased by 60%. By what percent would the width have to be decreased to maintain the same area?

- a. $37\frac{1}{2}\%$
- b. 60%
- c. 70%
- d. None

Chapter M35

1. Pasas Khadka makes a score of 87 runs in the 17th inning and thus increases his average by 3. Find the average after 17th inning

- a. 40
- b. 41
- c. 39
- d. 38

Chapter M36

1. Walking at $\frac{3}{4}$ of his normal speed, Ankur is 16 minutes late in reaching his office. The usual time taken by him to cover the distance between his home and his office is

- a. 48 minutes
- b. 60 minutes
- c. 42 minutes
- d. 62 minutes

Chapter M36

1. A car travels from A to B at V_1 km/hr, Travels back from B to A at V_2 km/hr and again goes back from A to B at V_2 km/hr. The average speed of the car is:

- a. $\frac{2V_1V_2}{V_1+2V_2}$
- b. $\frac{2V_1V_2}{V_2+2V_1}$
- c. $\frac{3V_1V_2}{V_2+2V_1}$
- d. $\frac{3V_12V_2}{V_2+2V_1}$

Chapter M37

1. If $6x^2 + 6y^2 = 13xy$, what is the ratio of x to y?

- a. 2:1
- b. 3:2
- c. 4:5
- d. 2:1

2. If 4 examiners can examine a certain number of answer books in 8 days by working 5 hours a days, for how many hours a days would 2 examiners have to answer books in 20 days.

- a. 6
- b. $7\frac{1}{2}$
- c. 8
- d. 9

Chapter M39

1. The angle of elevation of a ladder leaning against a house is 60° and the foot of the ladder is 6.5 m from the house. Find the length of the ladder in metres.

a. 3.25

b. $\frac{13}{\sqrt{3}}$

c. 13

d. 15

2. From an aeroplane vertically over a straight horizontal road, the angles of depression of two consecutive milestones on the opposite sides of the aeroplane are observed to be 30° and 60° . Find the height in miles of the aeroplane above the road.

a. $\frac{\sqrt{3}}{2}$

b. $\frac{\sqrt{3}}{4}$

c. $\frac{\sqrt{3}}{8}$

d. $\frac{2\sqrt{3}}{12}$

3. From the top of a cliff, 60 m high, the angle of depression of the top and bottom of a tower are observed to be 30° and 60° respectively. Find the height of the tower.

a. 40 m

b. 50 m

c. 30 m

d. 35 m

4. The angle of elevation of the top of an unfinished tower at a point 120 m from its base is 45° . How much higher must the tower be raised so that its angle of elevation is 60° at the same point?

a. 90 m

b. 92 m

c. 97 m

d. 87.84 m

5. An observer on the top of a Cliff, 200 m above the sea-level, Observes the angle of depression of two ships at anchor to be 45° and 30° respectively. Find the distance between the ships if the line joining them stretches to the base of cliff.

- a. 140 m
- b. 150 m
- c. 156 m
- d. 146.4 m**

Chapter M40

1. Find the angle between the hour hand and the minute hand of a clock when the time is 3:25

- a. 45°
- b. 30°
- c. $47\frac{1}{2}^\circ$**
- d. 60°

2. An accurate clock shows 8 o'clock in the morning through how many degrees will the hour hand rotate when the clock shows 2 O'clock in the afternoon?

- a. 144°
- b. 150°
- c. 168°
- d. 180°**

3. The reflex angle between the hand of a clock at 10:25 is:

- a. 180°
- b. $192\frac{1}{2}^\circ$
- c. 195°
- d. $197\frac{1}{2}^\circ$**

4. How much does a watch lose per day, if its hands coincide every 64 minutes?

- a. $32\frac{8}{11}$ min
- b. $36\frac{5}{11}$ min
- c. 90 min
- d. 96 min

Chapter M42

5. In a race of 200 m, A can beat B by 31 m and C by 18 m. In a race of 350 m, C will beat B by:

- a. 22.75 m
- b. 25 m
- c. 19.5 m
- d. $7\frac{7}{4}$ m

Section III Chapter M44

1. In the series 357, 363,, what will be the 10th term ?

- a. 405
- b. 411
- c. 413
- d. 417

2. In the series 7, 14, 28, What will be the 10th term?

- a. 1792
- b. 2456
- c. 3584
- d. 4096

3. In the series 3, 9, 15,, What will be the 21th term?

- a. 117
- b. 121
- c. 123

d. 129

4. Which term of the series 5, 10, 20, 40, is 1280?

- a. 10th
- b. 9th
- c. 8th
- d. None of these

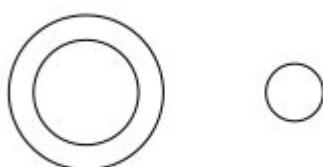
Chapter M47

1. The birthday of Arjun falls between 20th and 23th of March. Anil remember that Birthday of Arjun falls between 21th and 24th of March. So the birthday of Arjun will be on

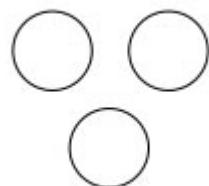
- a. 21st March
- b. 22st March
- c. 23st March
- d. 24st March

Chapter M48

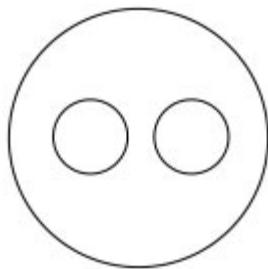
1. Which of the following diagrams indicates the best relation between Author, lawyer and Singer?



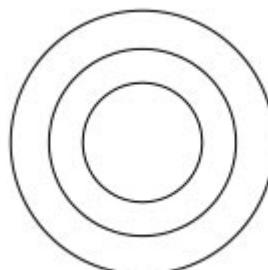
a.



b.

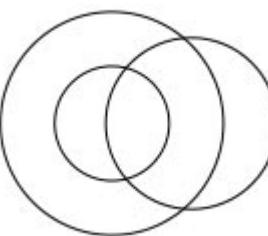


c.

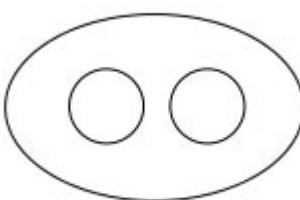


d.

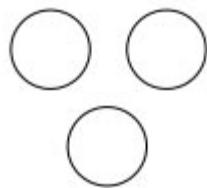
2. Which of the following diagrams indicates the best relation between woman, mother and Engineers?



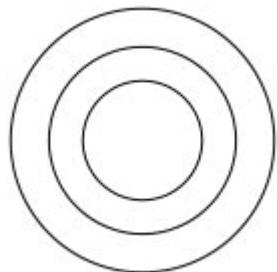
a.



b.



c.

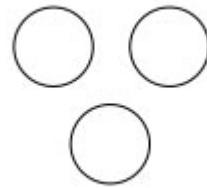


d.

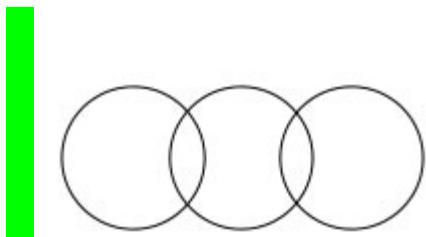
3. Which of the following diagrams indicates the best relation between Examinations, Questions and practice?



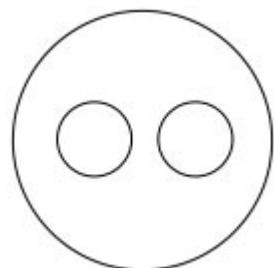
a.



b.



c.

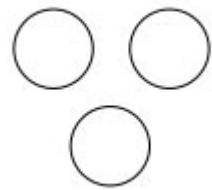


d.

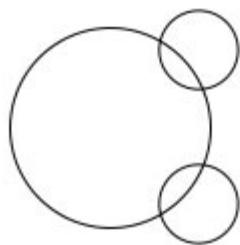
4. Which of the following diagrams indicates the best related between pigeon, bird and Dogs?



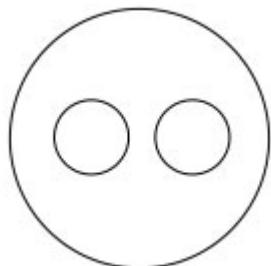
a.



b.



c.

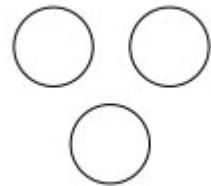


d.

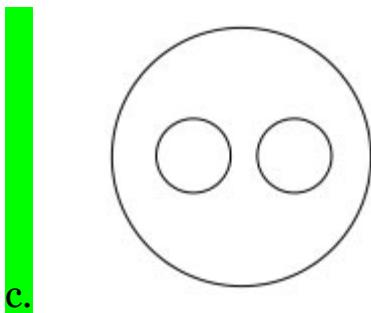
5. Which of the following diagrams indicates the best relation between Bulb, Lamp, and light?



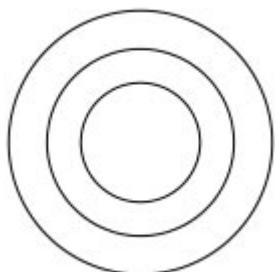
a.



b.



c.



d.

Chapter M49

1. In each one of the following, you are given a combination of letter or/and number following by four alternatives a, b, c and d. choose the alternative which most clearly resembles the water image of the given combination.

REASONING

(1) REASONING (2) GNIOSAER (3) REASONING (4) GNIOSAER

a. a
b. b
c. c
d. d

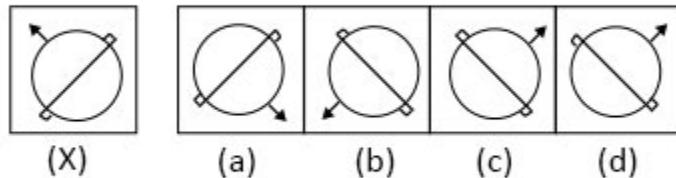
2. In each one of the following, you are given a combination of letter or/and number following by four alternatives a, b, c and d. choose the alternative which most clearly resembles the water image of the given combination.

BR4AQ16HI

(1) **BR4AQ16HI** (2) **BR4AQ16HI**
(3) **BR4AQ16HI** (4) **BR4AQ16HI**

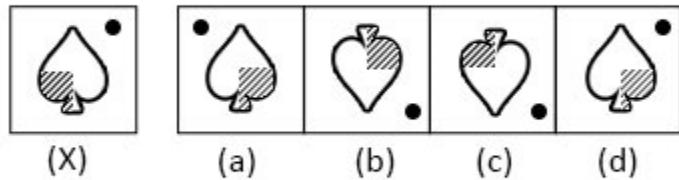
a. a
b. b
c. c
d. d

3. In each one of the following questions. Choose the correct mirror image of the figure(X) from among the four alternatives a, b, c and d given along with it:



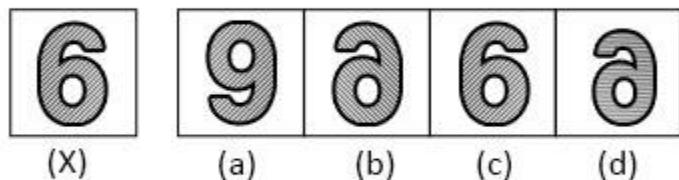
a. a
b. b
c. c
d. d

4. In each one of the following questions. Choose the correct mirror image of the figure(X) from among the four alternatives a, b, c and d given along with it:



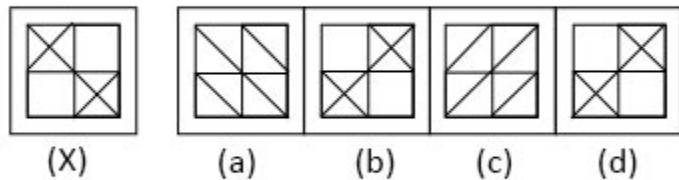
- a. a
- b. b
- c. c
- d. d

5. In each one of the following questions. Choose the correct mirror image of the figure(X) from among the four alternatives a, b, c and d given along with it:



- a. a
- b. b
- c. c
- d. d

6. In each one of the following questions. Choose the correct mirror image of the figure(X) from among the four alternatives a, b, c and d given along with it:



- a. a
- b. b
- c. c
- d. d**

Section 4
Chapter M50

1. In each one of the following, you are given a combination of letter or/and number following by four alternatives a, b, c and d. choose the alternative which most clearly resembles the water image of the given combination.

RECRUIT
(1) TIRCSR (2) TICRSR
(3) RECRUIT (4) RECRUIT

- a. 1
- b. 2**
- c. 3
- d. 4

2. In each one of the following, you are given a combination of letter or/and number following by four alternatives a, b, c and d. choose the alternative which most clearly resembles the water image of the given combination.

wrote

(1) w10t e (2) M10t e
(3) M10t e (4) M10t e

a. 1
b. 2
c. 3
d. 4

3. In each one of the following, you are given a combination of letter or/and number following by four alternatives a, b, c and d. choose the alternative which most clearly resembles the water image of the given combination.

N4.tQj 3

(1) N4tQj 3 (2) 3!S4N
(3) 3!S4N (4) N4tQj 3

a. 1
b. 2
c. 3
d. 4

4. In each one of the following, you are given a combination of letter or/and number following by four alternatives a, b, c and d. choose the alternative which most clearly resembles the water image of the given combination.

DISC

(1) CSID (2) DISC
(3) DISC (4) DISC

a. 1
b. 2
c. 3
d. 4

5. In each one of the following, you are given a combination of letter or/and number following by four alternatives a, b, c and d. choose the alternative which most clearly resembles the water image of the given combination.

RAJ589D8

(1) राज८९८८८८ (2) राज८९८८८८
(3) राज८९८८८८ (4) राज८९८८८८

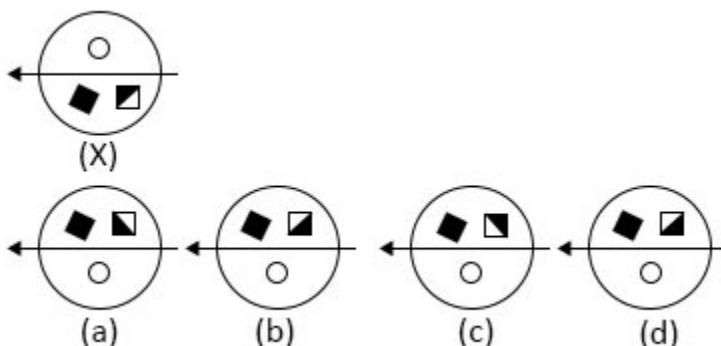
a. 1

b. 2

c. 3

d. 4

6. In each of the following questions, choose the correct water image of the figure (X) from amongst the four alternative a, b, c and d given along with it.



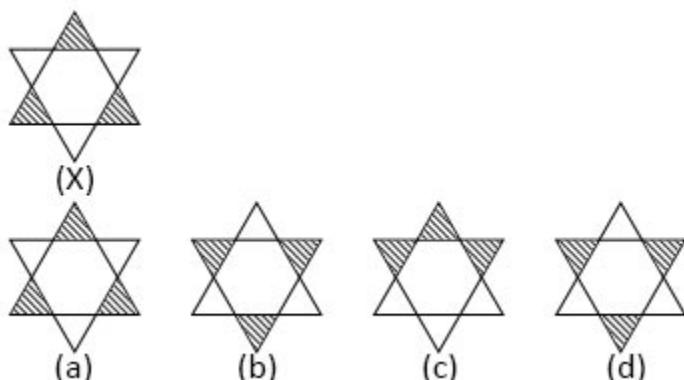
a. a

b. b

c. c

d. d

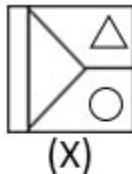
7. In each of the following questions, choose the correct water image of the figure (X) from amongst the four alternative a, b, c and d given along with it.



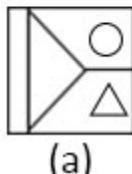
a. A

- b. B
- c. C
- d. d**

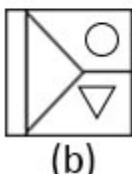
8. In each of the following questions, choose the correct water image of the figure (X) from amongst the four alternative a, b, c and d given along with it.



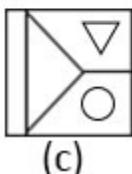
(X)



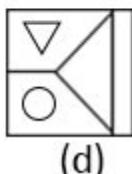
(a)



(b)



(c)

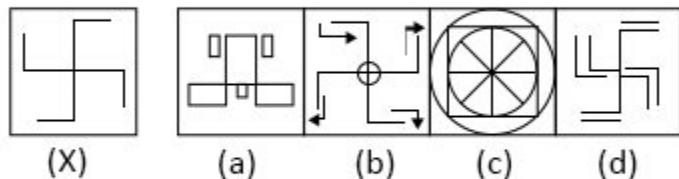


(d)

- a. a
- b. b**
- c. c
- d. d

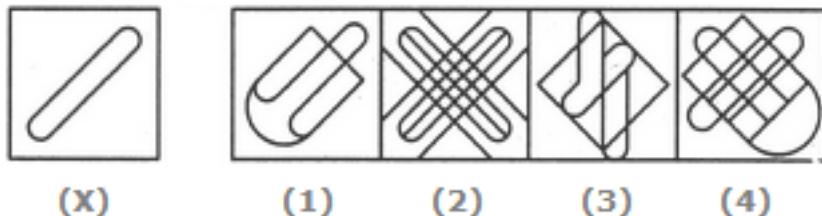
Chapter M51

1. Directions: in each of the following questions, you are given a fig(X) following by alternative figure a, b, c and d such that fig (X) is embedded in one of them. Trace out alternative figure which contains fig (X) as its part.



- a. a
- b. b
- c. c**
- d. d

3. Directions: in each of the following questions, you are given a fig(X) following by alternative figure a, b, c and d such that fix (X) is embedded in one of them. Trace out alternative figure which contains fix (X) as its part.

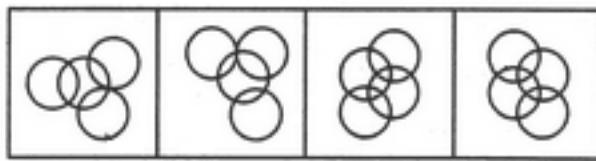


- a. a
- b. b**
- c. c
- d. d

6. Directions: in each of the following questions, you are given a fig(X) following by alternative figure a, b, c and d such that fix (X) is embedded in one of them. Trace out alternative figure which contains fix (X) as its part.



(X)



(1)

(2)

(3)

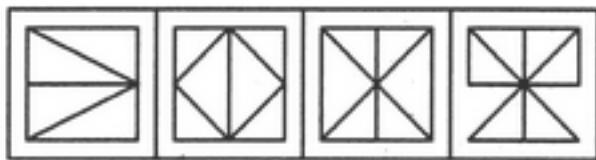
(4)

- a. a
- b. b
- c. c**
- d. d

7. Directions: in each of the following questions, you are given a fig(X) following by alternative figure a, b, c and d such that fix (X) is embedded in one of them. Trace out alternative figure which contains fix (X) as its part.



(X)



(1)

(2)

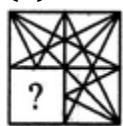
(3)

(4)

- a. a
- b. b
- c. c**
- d. d

Chapter M52

1. Directions: In each of the following questions, complete the missing portion of the given pattern by selection from the given alternatives (a), (b), (c) and (d).



- a. a
- b. b

c. c

d. d

2. Directions: In each of the following questions, complete the missing portion of the given pattern by selection from the given alternatives (a), (b), (c) and (d).



a. a

b. b

c. c

d. d

3. Directions: In each of the following questions, complete the missing portion of the given pattern by selection from the given alternatives (a), (b), (c) and (d).



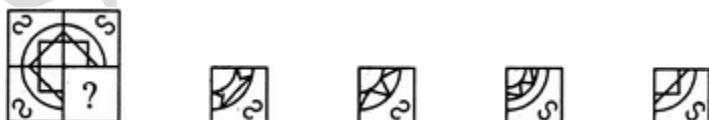
a. a

b. b

c. c

d. d

4. Directions: In each of the following questions, complete the missing portion of the given pattern by selection from the given alternatives (a), (b), (c) and (d).



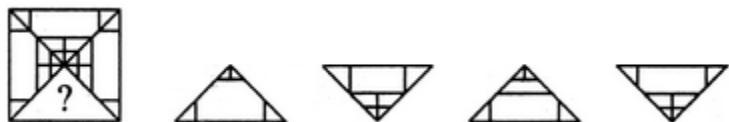
a. a

b. b

c. c

d. d

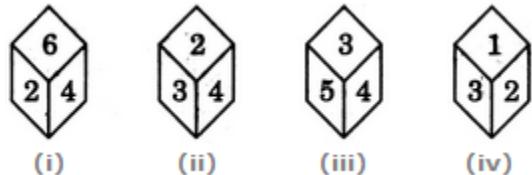
5. Directions: In each of the following questions, complete the missing portion of the given pattern by selection from the given alternatives (a), (b), (c) and (d).



- a. a
- b. b
- c. c
- d. d**

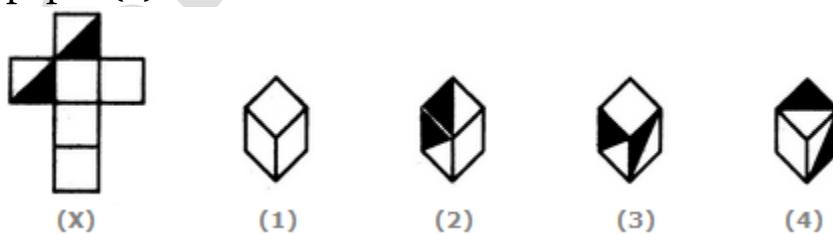
Chapter M53

1. A dice is thrown four times and its four different position are shown below. Find the number on the face opposite the face showing 2.



- a. 3
- b. 4
- c. 5**
- d. 6

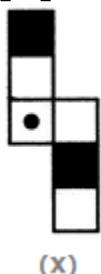
2. Choose the box that is similar to the box formed from the given sheet of paper (x)



- a. 1 and 4 only**
- b. 3 and 4 only

- c. 1 and 2 only
- d. 2 and 3 only

3. Choose the box that is similar to the box formed from the given sheet of paper(X)



(X)



(1)



(2)



(3)



(4)

- a. 2 and 3 only
- b. 1, 3 and 4 only**
- c. 2 and 4 only
- d. 1 and 4 only

Chapter M54

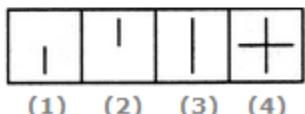
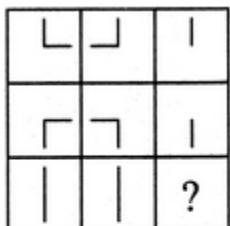
1. Directions: In each of the following questions, find out which of the answer figure a, b, c and d complete the figure matrix?

↑↑	↑↓	↓↑
↑→	↑←	↓→
↑↓	?	↓↓

↑↑	↓↑	↑↓	↑→
(1)	(2)	(3)	(4)

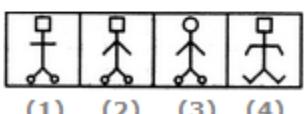
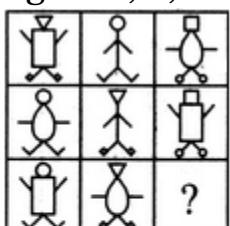
- a. a**
- b. b
- c. c
- d. d

2. Directions: In each of the following questions, find out which of the answer figure a, b, c and d complete the figure matrix?



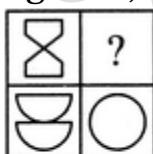
- a. a
- b. b
- c. c
- d. d

3. Directions: In each of the following questions, find out which of the answer figure a, b, c and d complete the figure matrix?



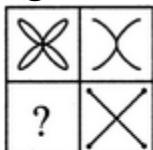
- a. 1
- b. 2
- c. 3
- d. 4

4. Directions: In each of the following questions, find out which of the answer figure a, b, c and d complete the figure matrix?



- a. 1
- b. 2**
- c. 3
- d. 4

5. Directions: In each of the following questions, find out which of the answer figure a, b, c and d complete the figure matrix?

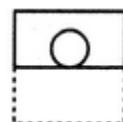
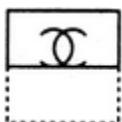
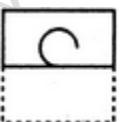
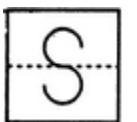


- (1)
- (2)
- (3)
- (4)

- a. 1
- b. 2
- c. 3**
- d. 4

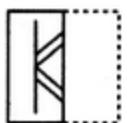
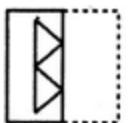
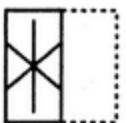
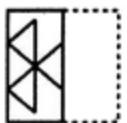
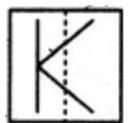
Chapter M55

1. In each of the following problems, a square transparent sheet with pattern is given. Figure out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line.



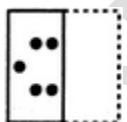
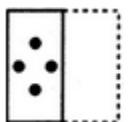
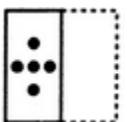
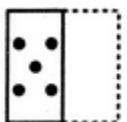
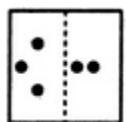
- a. a
- b. b
- c. c
- d. d**

2. In each of the following problems, a square transparent sheet with pattern is given. Figure out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line.



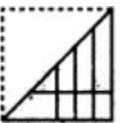
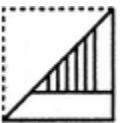
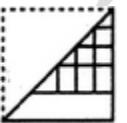
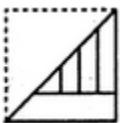
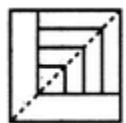
- a. a
- b. b
- c. c**
- d. d

3. In each of the following problems, a square transparent sheet with pattern is given. Figure out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line.



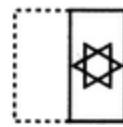
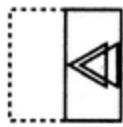
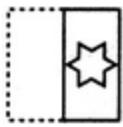
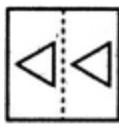
- a. a
- b. b**
- c. c
- d. d

4. In each of the following problems, a square transparent sheet with pattern is given. Figure out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line.



- a. a**
- b. b
- c. c
- d. d

5. In each of the following problems, a square transparent sheet with pattern is given. Figure out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line.



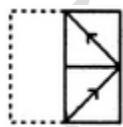
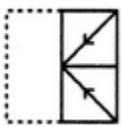
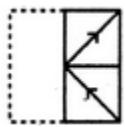
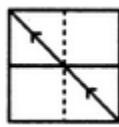
a. a

b. b

c. c

d. d

6. In each of the following problems, a square transparent sheet with pattern is given. Figure out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line.



a. a

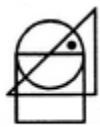
b. b

c. c

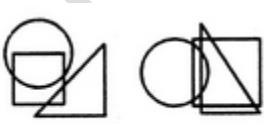
d. d

Chapter M57

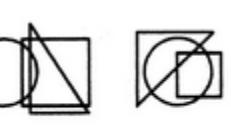
1. In each of the following questions, there is a diagram marked (X), with one or more dots placed in it. This diagram is followed by four other figures, marked (1), (2), (3) and (4) only one of which is such as to make possible the placement of the dot(s) satisfying the same conditions as in the original. Find the correct alternative in each case.



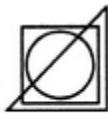
(X)



(1)



(2)



(3)



(4)

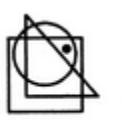
a. 1

b. 2

c. 3

d. 4

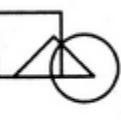
2. In each of the following questions, there is a diagram marked (X), with one or more dots placed in it. This diagram is followed by four other figures, marked (1), (2), (3) and (4) only one of which is such as to make possible the placement of the dot(s) satisfying the same conditions as in the original. Find the correct alternative in each case.



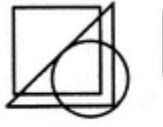
(X)



(1)



(2)



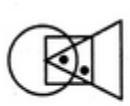
(3)



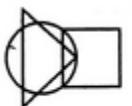
(4)

- a. 1
- b. 2
- c. 3
- d. 4

3. In each of the following questions, there is a diagram marked (X), with one or more dots placed in it. This diagram is followed by four other figures, marked (1), (2), (3) and (4) only one of which is such as to make possible the placement of the dot(s) satisfying the same conditions as in the original. Find the correct alternative in each case.



(X)



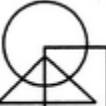
(1)



(2)



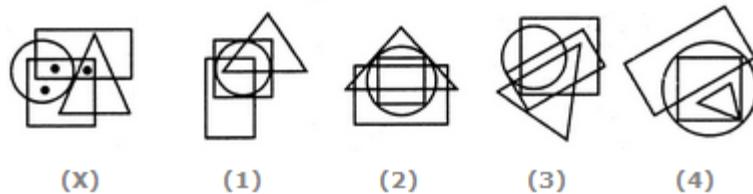
(3)



(4)

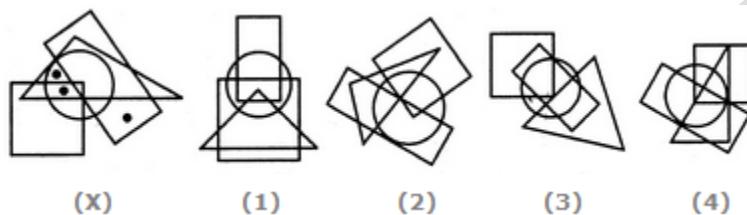
- a. 1
- b. 2
- c. 3
- d. 4

4. In each of the following questions, there is a diagram marked (X), with one or more dots placed in it. This diagram is followed by four other figures, marked (1), (2), (3) and (4) only one of which is such as to make possible the placement of the dot(s) satisfying the same conditions as in the original. Find the correct alternative in each case.



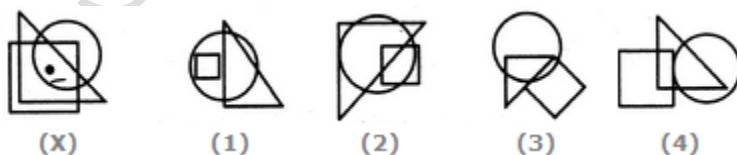
- a. 1
- b. 2
- c. 3
- d. 4

5. In each of the following questions, there is a diagram marked (X), with one or more dots placed in it. This diagram is followed by four other figures, marked (1), (2), (3) and (4) only one of which is such as to make possible the placement of the dot(s) satisfying the same conditions as in the original. Find the correct alternative in each case.



- a. 1
- b. 2
- c. 3
- d. 4

6. In each of the following questions, there is a diagram marked (X), with one or more dots placed in it. This diagram is followed by four other figures, marked (1), (2), (3) and (4) only one of which is such as to make possible the placement of the dot(s) satisfying the same conditions as in the original. Find the correct alternative in each case.

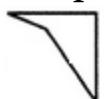


- a. 1
- b. 2
- c. 3

d. 4

Chapter M58

1. Given below are five alternative figures marked A, B, C, D and E followed by four alternative answers marked a, b, c, and d. select the answer the depicts three of the alternative figure which when fitted together will form a complete answer.



(1)



(2)



(3)



(4)



(5)

a. 1

b. 2

c. 3

d. 4

e. 5

2. Given below are five alternative figures marked A, B, C, D and E followed by four alternative answers marked a, b, c, and d. select the answer the depicts three of the alternative figure which when fitted together will form a complete answer.



(1)



(2)



(3)



(4)



(5)

a. 1

b. 2

c. 3

d. 4

e. 5

3. Given below are five alternative figures marked A, B, C, D and E followed by four alternative answers marked a, b, c, and d. select the answer the depicts three of the alternative figure which when fitted together will form a complete answer.



(1)



(2)



(3)



(4)



(5)

- a. 1
- b. 2**
- c. 3
- d. 4
- e. 5

4. Given below are five alternative figures marked A, B, C, D and E followed by four alternative answers marked a, b, c, and d. select the answer the depicts three of the alternative figure which when fitted together will form a complete answer.



(1)



(2)



(3)



(4)

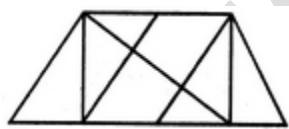


(5)

- a. 1
- b. 2
- c. 3**
- d. 4
- e. 5

Chapter M59

1. Find the number of triangle in the given figure.



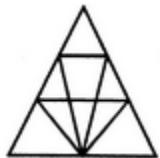
- a. 8
- b. 10
- c. 12
- d. 14**

3. Find the number of triangle in the given figure.



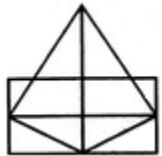
- a. 22
- b. 24
- c. 26
- d. 28**

2. Find the number of triangles in the given figure.



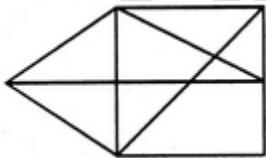
- a. 12
- b. 18**
- c. 22
- d. 26

3. Find the number of triangles in the given figure.



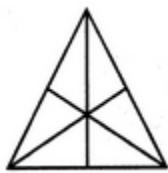
- a. 11
- b. 13
- c. 15**
- d. 17

4. Find the number of triangles in the given figure.



- a. 12
- b. 13
- c. 14
- d. 15**

5. Find the number of triangles in the given figure.



- a. 16
- b. 13
- c. 9
- d. 7

6. Find the number of triangles in the given figure.



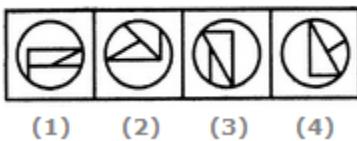
- a. 21
- b. 23
- c. 25
- d. 27

Chapter M60

1. Find out which of the figure (1), (2), (3) and (4) can be formed from the pieces given in figure (x).

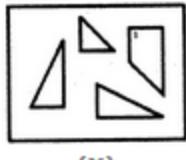


(x)



- a. 1
- b. 2
- c. 3
- d. 4

2. Find out which of the figure (1), (2), (3) and (4) can be formed from the pieces given in figure (x)



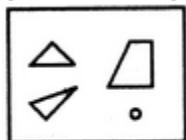
(X)



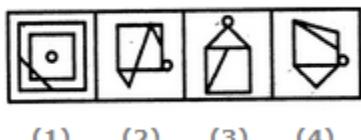
(1) (2) (3) (4)

- a. 1
- b. 2**
- c. 3
- d. 4

3. Find out which of the figures (1), (2), (3) and (4) can be formed from the pieces given in figure (x).



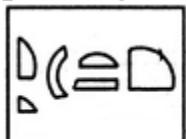
(X)



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

- a. 1
- b. 2
- c. 3**
- d. 4

4. Find out which of the figures (1), (2), (3) and (4) can be formed from the pieces given in figure (x).



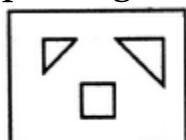
(X)



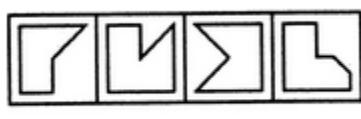
(1) (2) (3) (4)

- a. 1**
- b. 2
- c. 3
- d. 4

5. Find out which of the figures (1), (2), (3) and (4) can be formed from the pieces given in figure (x).



(X)



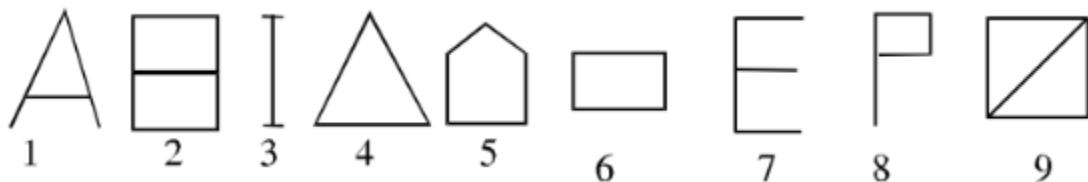
(1) (2) (3) (4)

- a. 1
- b. 2
- c. 3
- d. 4

Chapter M61

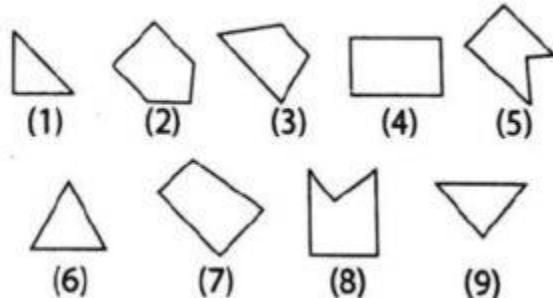
1. In the following question, group the given figures into three classes using each figure only once.

Problem figure:



- a. (1, 3, 4) (2, 5, 9) (6, 7, 8)
- b. (1, 2, 3) (4, 5, 6) (7, 8, 9)
- c. (1, 5, 9) (2, 4, 7) (3, 6, 8)
- d. (3, 7, 8) (1, 6, 5) (4, 2, 9)

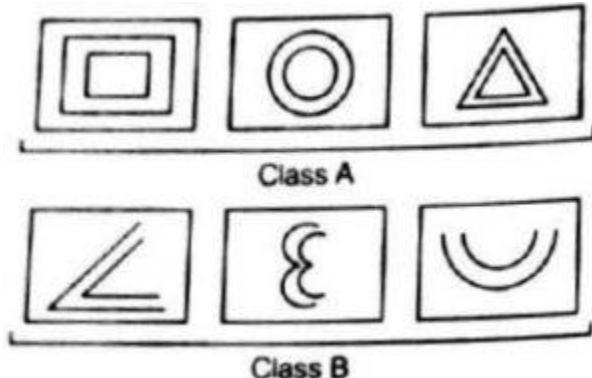
2. In the following question, group the given figures into three classes using each figure only once.



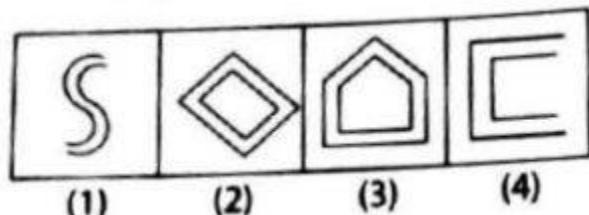
- a. (7, 8, 9) (2, 4, 3) (1, 5, 6)
- b. (1, 3, 3) (4, 5, 7) (6, 8, 9)
- c. (1, 6, 8) (3, 4, 7) (2, 5, 9)
- d. (1, 6, 9) (3, 4, 7) (2, 5, 8)

3. There are two classes of three figure each. Class 'A' figure differ in a certain way from the figure in class 'B'. Which of the four answer figures belong to class 'A'?

Problem Figure



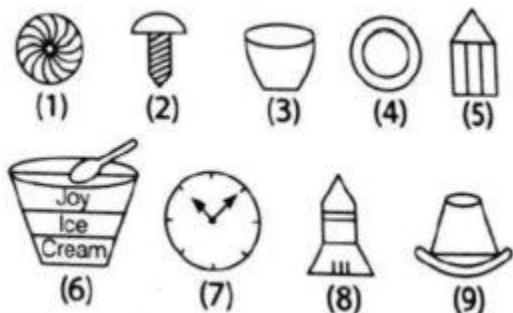
Answer Figure



- a. Both (1) and (3)
- b. (1) and (2) both
- c. both (2) and (4)
- d. (2) and (3) only

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

Problem Figure

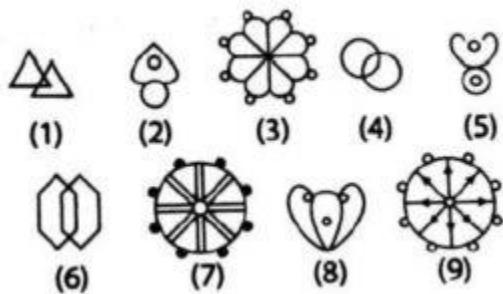


- a. (1, 4, 7) (2, 5, 8) (3, 6, 9)
- b. (1, 2, 6) (2, 5, 8) (4, 7, 9)

- c. (1, 2, 4) (3, 5, 8) (6, 7, 9)
- d. (1, 4, 9) (2, 5, 8) (3, 6, 7)

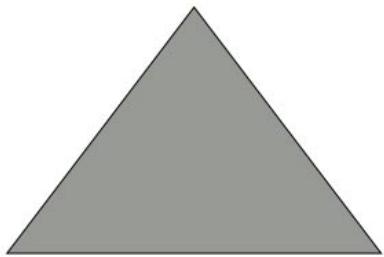
5. In the following question, group the given figures into three classes using each figure only once.

Problem Figure:



- a. (1, 4, 8) (2, 5, 7) (3, 9, 6)
- b. (1, 4, 6) (2, 5, 8) (3, 7, 9)
- c. (1, 4, 6) (2, 5, 7) (3, 8, 9)
- d. (1, 2, 3) (4, 5, 6) (7, 8, 9)

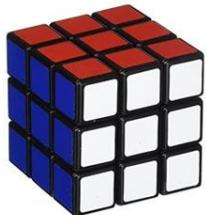
6. What letter replace the question mark?



- a. B
- b. D
- c. F
- d. G

Chapter M62

1. A wooden cube is painted blue and then cut, as shown in figure in equal cubic pieces. How many of these resultant 27 small cubes will have just two sides painted blue?

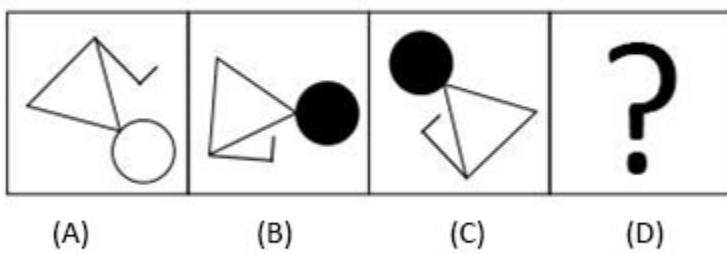


- a. 10
- b. 11
- c. 12
- d. 13

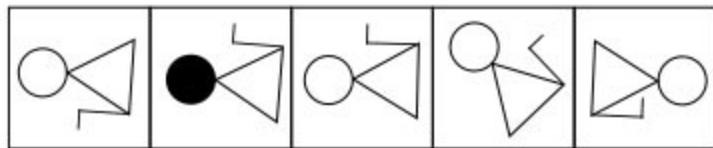
Chapter M63

8. Select a suitable figure from the answer Figure that would replace the question mark (?).

Problem Figures:



Answer Figure:



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

- a. 1
- b. 2
- c. 3
- d. 4

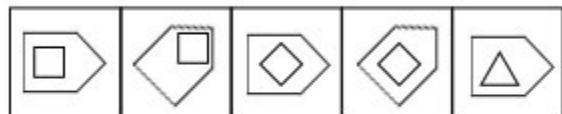
9. Select a suitable figure from the answer figure that would replace the question mark (?).

Problem Figure:



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

Problem Figure:

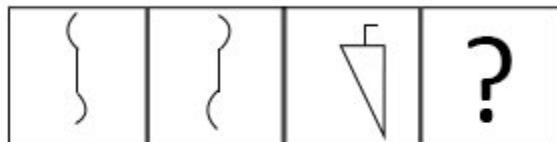


(1) (2) (3) (4) (5)

- a. 1
- b. 2
- c. 3
- d. 4

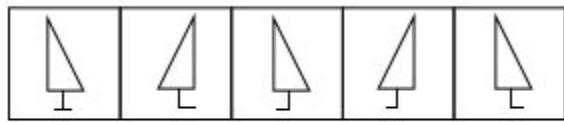
10. Select a suitable figure from the answer figures that would replace the question mark (?).

Problem Figures:



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

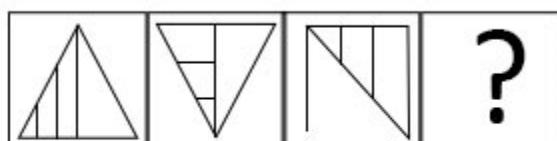
Answer Figures:



a. 1
b. 2
c. 3
d. 4

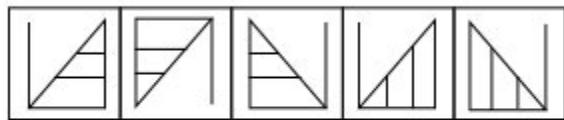
11. Select a suitable figure from the answer figure that would replace the question mark (?).

Problem Figure:



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

Answer Figure:



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

a. 1

b. 2

c. 3

d. 4

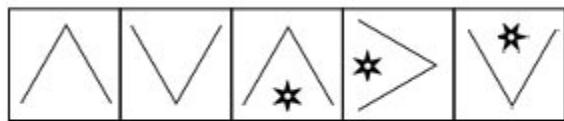
12. Select a suitable figure from the answer figure that would replace the question mark (?).

Problem Figure:



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

Answer Figure:



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

a. 1

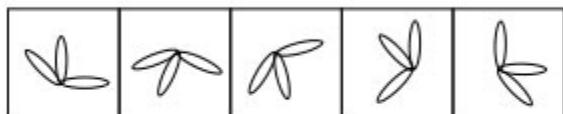
b. 2

c. 3

d. 4

Chapter M64

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



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

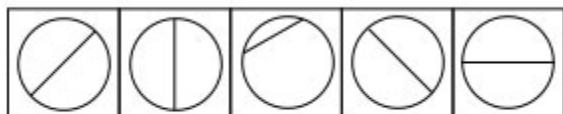
a. 1

b. 2

c. 3

d. 4

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



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

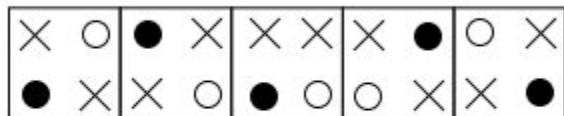
a. 1

b. 2

c. 3

d. 4

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



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

a. 1

b. 2

c. 3

d. 4

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



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

a. 1

b. 2

c. 3

d. 4

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



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

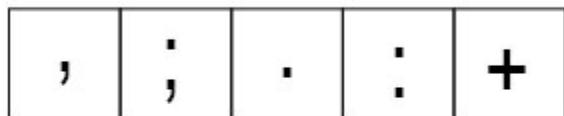
a. 1

b. 2

c. 3

d. 4

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



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

a. 1

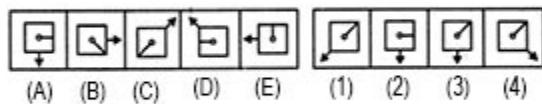
b. 2

c. 3

d. 4

Chapter M65

1. This type of problems on series consists of five figure numbered A, B, C, D and E forming the answer set. The five consecutive problem figure form a definite sequence and it is required to choose one of the figure from the answer set which will continue the same sequence.



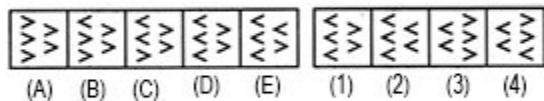
a. 1

b. 2

c. 3

d. 4

2. This type of problems on series consists of five figure numbered A, B, C, D and E forming the answer set. The five consecutive problem figure form a definite sequence and it is required to choose one of the figure from the answer set which will continue the same sequence.



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

- a. 1
- b. 2**
- c. 3
- d. 4

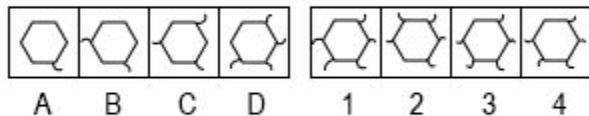
3. This type of problems on series consists of five figure numbered A, B, C, D and E forming the answer set. The five consecutive problem figure form a definite sequence and it is required to choose one of the figure from the answer set which will continue the same sequence.



1 2 3 4

- a. 1
- b. 2**
- c. 3
- d. 4

4. This type of problems on series consists of five figure numbered A, B, C, D and E forming the answer set. The five consecutive problem figure form a definite sequence and it is required to choose one of the figure from the answer set which will continue the same sequence.



1 2 3 4

- a. 1
- b. 2
- c. 3
- d. 4

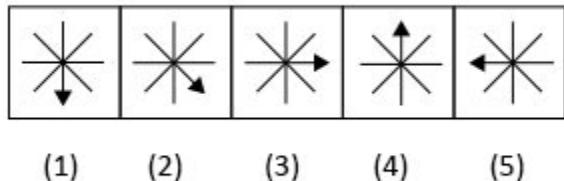
5. This type of problems on series consists of five figure numbered A, B, C, D and E forming the answer set. The five consecutive problem figure form a definite sequence and it is required to choose one of the figure from the answer set which will continue the same sequence.



1 2 3 4

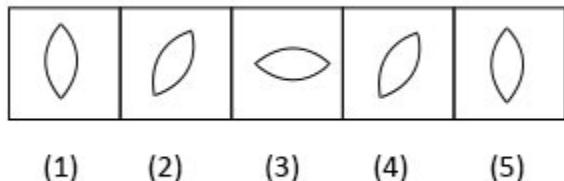
- a. 1
- b. 2
- c. 3
- d. 4

6. This type of problems on series consists of five figure numbered A, B, C, D and E forming the answer set. The five consecutive problem figure form a definite sequence and it is required to choose one of the figure from the answer set which will continue the same sequence.



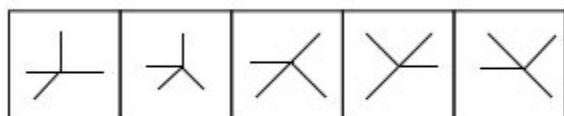
- a. 1
- b. 2**
- c. 3
- d. 4

7. This type of problems on series consists of five figure numbered A, B, C, D and E forming the answer set. The five consecutive problem figure form a definite sequence and it is required to choose one of the figure from the answer set which will continue the same sequence.



- a. 1
- b. 2
- c. 3**
- d. 4

8. This type of problems on series consists of five figure numbered A, B, C, D and E forming the answer set. The five consecutive problem figure form a definite sequence and it is required to choose one of the figure from the answer set which will continue the same sequence.



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

- a. 1
- b. 2
- c. 3**
- d. 4