The Winners Institute

Reasoning

Grouping of Image

Practice Sheet

Basic to High Level with solution

Founder - Aditya Patel Sir

SBI PO & LIC AAO
(2013- Batch) Selected

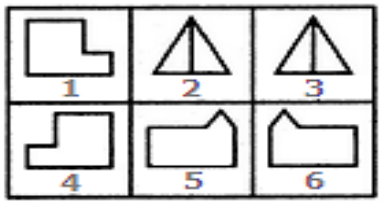
Call - 9009335533

Grouping of images - Practice Sheet

निर्देश: (1-80) निम्नलिखित प्रत्येक प्रश्न में, दी गई आकृतियों को प्रत्येक आकृति का केवल एक बार प्रयोग करते हुए तीन वर्गों में समूहित करें।

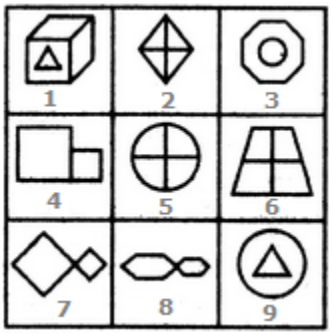
Direction: (1-80) In each of the following questions, group the given figures into three classes using each figure only once.

1.



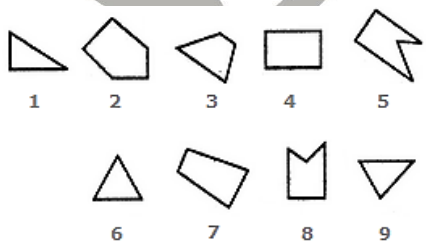
A. 1,4 ; 2,3 ; 5,6
B. 1,5 ; 2,6 ; 4,3
C. 1,6 ; 2,3 ; 4,5
D. 1,2 ; 3,6 ; 4,5

2.



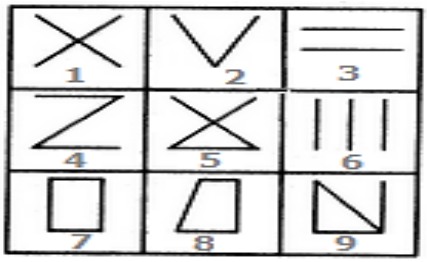
A. 1,3,9 ; 2,5,6 ; 4,7,8
B. 1,3,9 ; 2,7,8 ; 4,5,6
C. 1,2,4 ; 3,5,7 ; 6,8,9
D. 1,3,6 ; 2,4,8 ; 5,7,9

3.



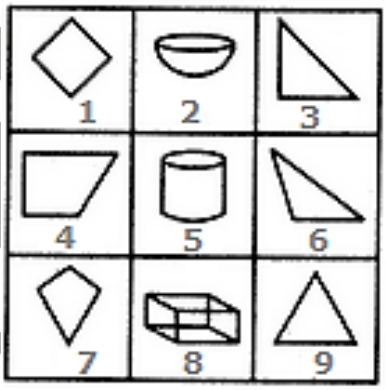
A. 7,8,9 ; 2,4,3 ; 1,5,6
B. 1,3,2 ; 4,5,7 ; 6,8,9
C. 1,6,8 ; 3,4,7 ; 2,5,9
D. 1,6,9 ; 3,4,7 ; 2,5,8

4.



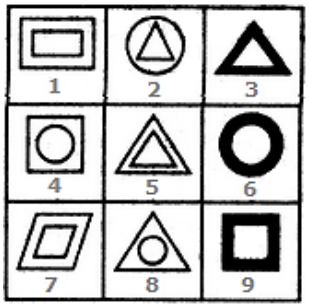
A. 1,2,3 ; 4,5,6 ; 7,8,9
B. 1,3,5 ; 2,4,6 ; 7,8,9
C. 1,5,9 ; 3,6,2 ; 4,7,8
D. 1,9,7 ; 2,8,5 ; 3,4,6

5.



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

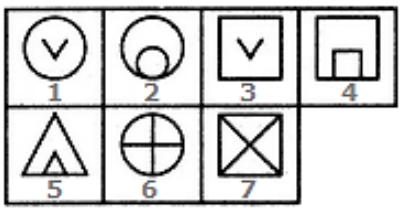
6.



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

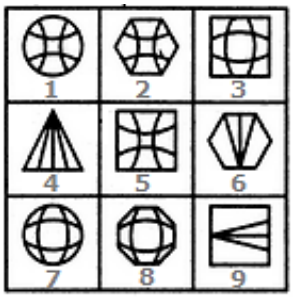
Grouping of images - Practice Sheet

7.



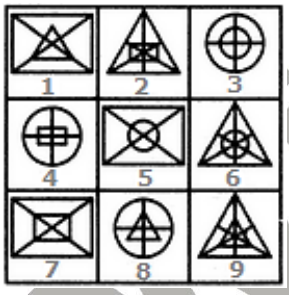
A. 1,2,6 ; 3,4,7 ; 5
B. 1,3 ; 2,6 ; 4,5,7
C. 1,2,6,7 ; 3 ; 4,5
D. 1,3 ; 2,4,5 ; 6,7

8.



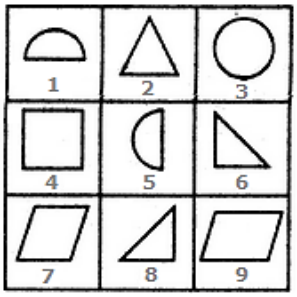
A. 1,2,5 ; 3,7,8 ; 4,6,9
B. 1,7,2 ; 3,9,6 ; 4,5,8
C. 2,3,8 ; 4,6,9 ; 1,5,7
D. 5,6,9 ; 3,4,1 ; 2,7,8

9.



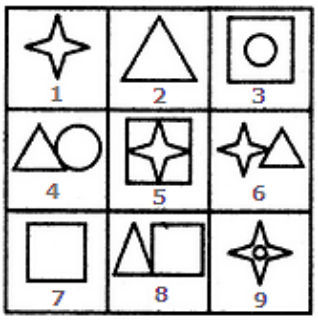
A. 2,4,7 ; 1,8,9 ; 3,5,6
B. 2,6,9 ; 1,5,7 ; 3,4,8
C. 2,6,7 ; 1,5,8 ; 3,4,9
D. 2,8,7 ; 1,5,9 ; 3,4,6

10.



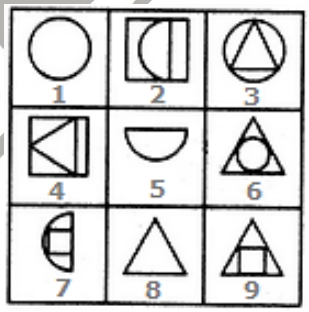
A. 1,3,5 ; 2,6,9 ; 4,7,8
B. 2,3,4 ; 5,6,8 ; 9,1,7
C. 1,3,5 ; 2,6,8 ; 4,7,9
D. 3,2,4 ; 6,5,8 ; 7,9,1

11.



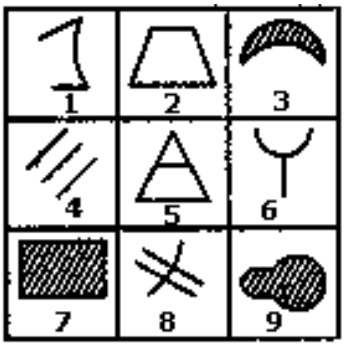
A. 3,4,9 ; 5,7,8 ; 1,2,6
B. 1,5,6 ; 2,4,8 ; 3,7,9
C. 4,6,8 ; 3,5,7 ; 1,2,9
D. 1,2,7 ; 3,5,9 ; 4,6,8

12.



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

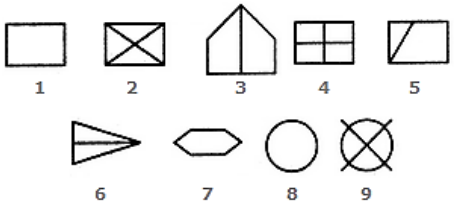
13.



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

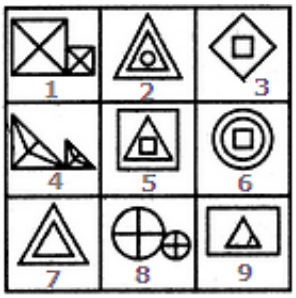
Grouping of images - Practice Sheet

14.



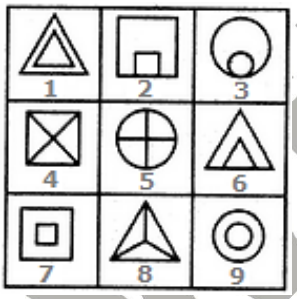
A. 1,2,4 ; 3,5,6 ; 7,8,9
B. 1,7,8 ; 3,5,6 ; 2,4,9
C. 1,3,4 ; 2,8,9 ; 5,6,7
D. 1,7,8 ; 2,3,6 ; 4,5,9

15.



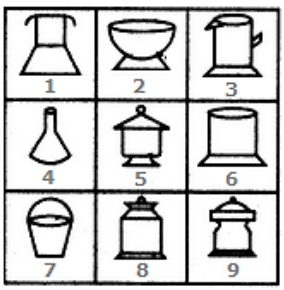
A. 1,3,7 ; 2,4,6 ; 5,8,9
B. 1,4,6 ; 2,5,7 ; 3,8,9
C. 1,4,8 ; 2,5,6 ; 3,7,9
D. 1,4,8 ; 2,7,9 ; 3,5,6

16.



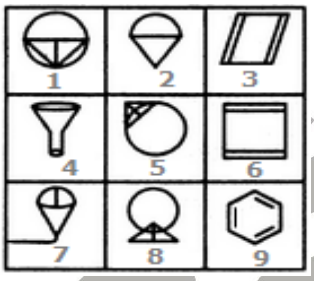
A. 1,7,9 ; 2,3,6 ; 4,5,8
B. 1,2,9 ; 3,4,6 ; 5,7,8
C. 1,6,8 ; 2,4,7 ; 3,5,9
D. 1,7,8 ; 2,9,3 ; 6,4,5

17.



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

18.

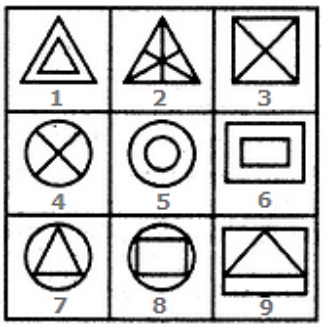


A. 1,5,8 ; 2,6,7 ; 3,4,9
B. 1,5,7 ; 2,6,8 ; 3,4,5
C. 1,5,8 ; 2,4,7 ; 3,6,9
D. 1,5,8 ; 2,6,9 ; 3,4,7

19.

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

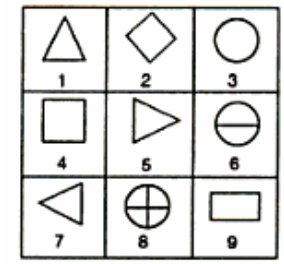
20.



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

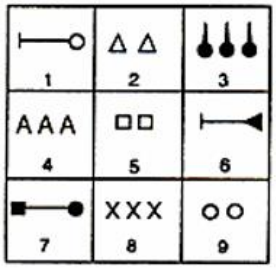
Grouping of images - Practice Sheet

21.



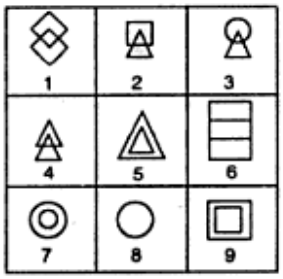
A. 1,5,8;2,4,7;3,6,9
B. 1,4,7;2,5,8;3,6,9
C. 1,5,7;2,4,9;3,6,8
D. 1,5,7;3,4,9;2,6,8

22.



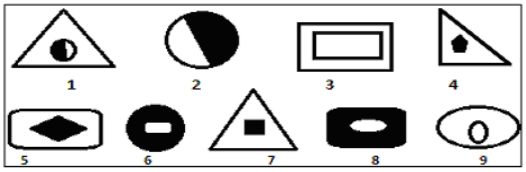
A.1,2,3;6,5,4;7,9,8
B. 1,6,7;2,5,9;3,4,8
C. 1,6,7;2,5,8;3,4,9
D. 1,3,7;2,5,9;4,6,8

23.



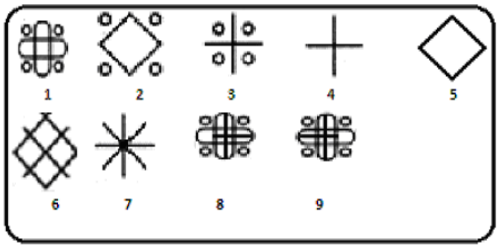
(a)1,4,6;3,5,8;2,7,9
(b)1,4,8;2,3,6;5,7,9
(c)4,5,6;2,3,8;1,7,9
(d) 1,4,6;2,3,8;5,7,9

24.



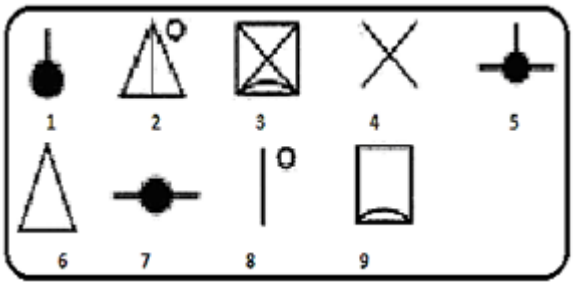
A. 1,2,3; 4,5,6; 7,8,9
B. 1,3,6; 2,4,7; 3,5,8
C. 1,4,7; 2,6,9; 3,5,8
D. None of these

25.



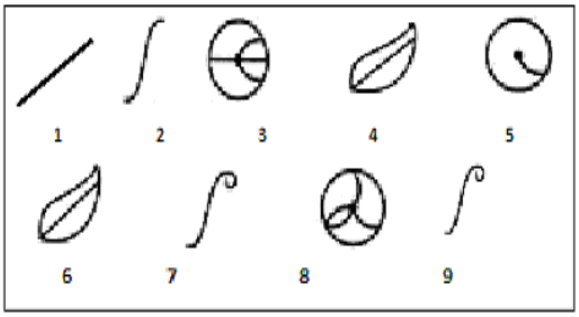
A. 1,8,9; 2,3,5; 4,6, 7
B. 1,8,9 ; 2,5,6; 3, 4,7
C. 1,8,9 ; 2,3,4 ; 3,5,6
D. None of these

26.



A. 1,5,7; 2,6,8 ; 3,4,9
B. 1,5,7 ; 2,4,9, 3,6,8
C. 1,4,9; 2,5,7; 3, 6, 8
D. None of these

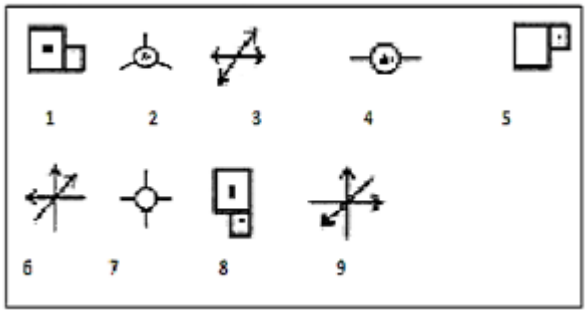
27.



A. 1,2,3 ; 4,5,6 ; 7,8,9
B. 2,7,9 ; 1,4,6 ; 3,5,8
C. 1,7,9; 2, 4,5; 3, 6,7
D. None of these

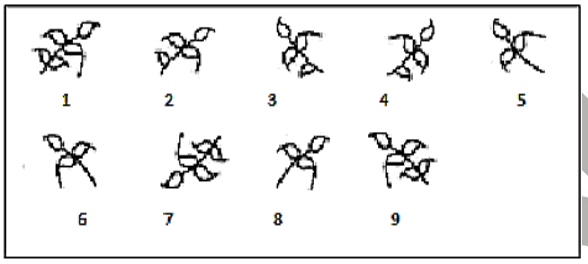
Grouping of images - Practice Sheet

28.



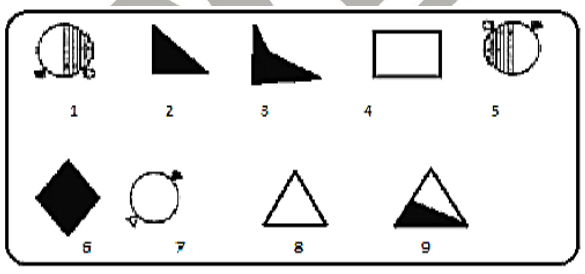
A. 1,6,7 ; 2,3,8; 4,5,9
B. 1,5,8 ; 2,4,7 ; 3,6,9
C. 1,4,7, 5,8,3, 2,6,9
D. None of these

29.



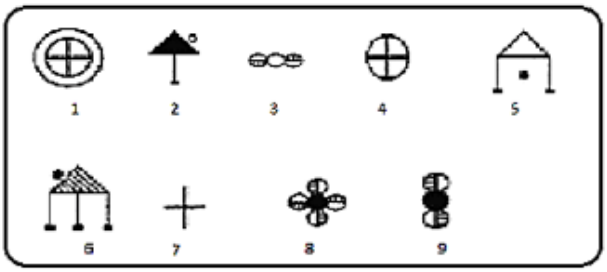
A. 1,6,7 ; 2,3,8; 4,5,9
B. 2,3,4 ; 1,9,7 ; 5,6,8
C. 1,4,7, 5,8,3, 2,6,9
D. None of these

30.



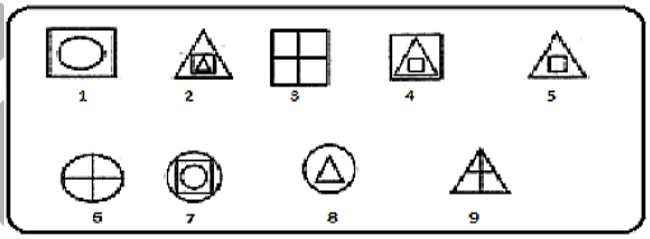
A. 1,5,7 ; 2,3,6, 4,8,9
B. 1,5,7; 2,4,6; 3, 8,9
C. 1,5,7 ; 2,8,9; 3,4,6
D. None of these

31.



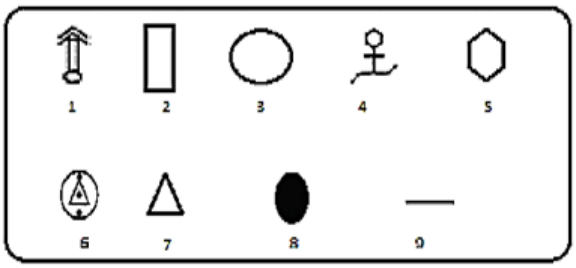
A. 1,6,2; 3,7,8; 4,5,9
B. 1,3,6; 2, 7,8; 4,5,9
C. 2,5,6; 3,8,9 ; 1,4,7
D. None of these

32.



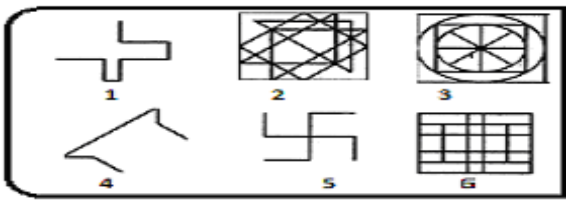
A. 1,5,8 ; 2,4,7; 3,6,9
B. 1,6,2; 3,7,8; 4,5,9
C. 1,3,6; 2, 7,8; 4,5,9
D. 2,5,6; 3,8,9 ; 1,4,7

33.



A. 1,6,7; 2,3,8; 4,5,9
B. 1,2,3; 4,5,6; 7,8,9
C. 1,2,3; 4,5,9; 6,7,8
D. None of these

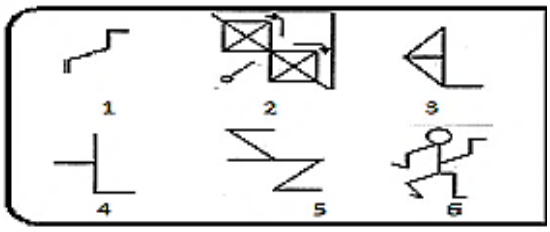
34.



Grouping of images - Practice Sheet

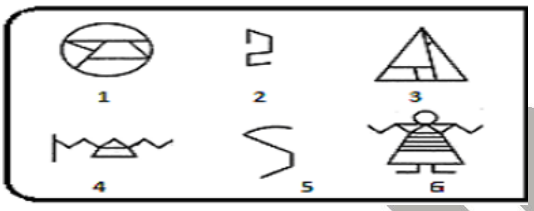
A. 1,6; 2,4 ; 5,6
B. 1,3; 2,4 ;5,6
C. 1,5 ; 2,4; 3,6
D. None of these

35.



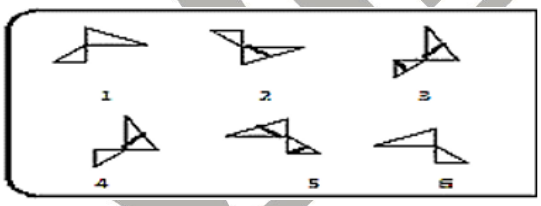
A. 1,6; 2,5; 3,4
B. 1,5 ; 2,4; 3,6
C. 1,3; 2,4 ;5,6
D. None of these

36.



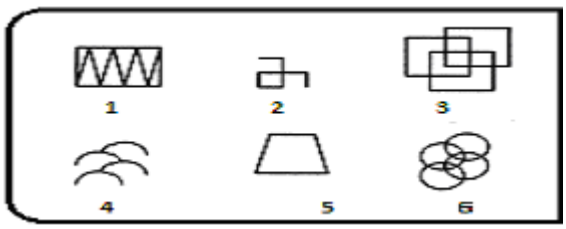
A. 1,5 ; 2,3; 4,6
B. 1,3; 4,5; 2,6
C. 1,4; 2,3 ; 5,6
D. None Of these

37.



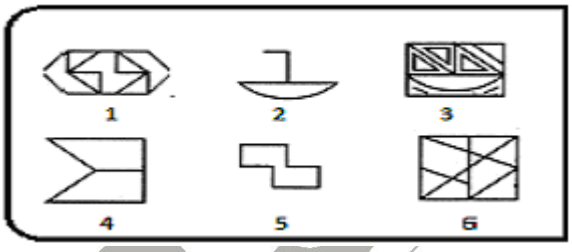
A. 1,5 ; 2,3; 4,6
B. 1,3; 4,5; 2,6
C. 1,4; 2,3 ; 5,6
D. 1,6 ; 2,4; 3,5

38.



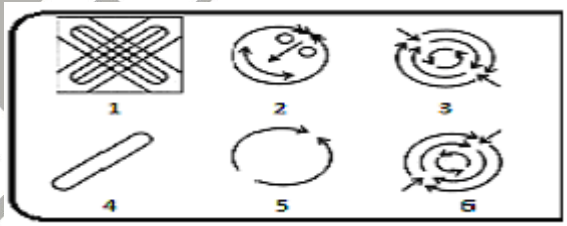
A. 1,5 ; 2,3; 4,6
B. 1,3; 4,5; 2,6
C. 1,4; 2,3 ; 5,6
D. 1,6 ; 2,4; 3,5

39.



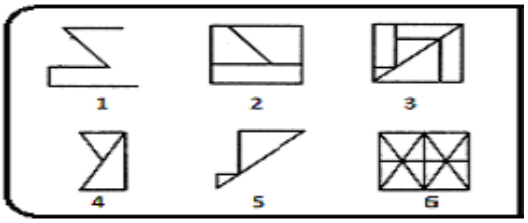
A. 1,5; 2,3;4,6
B. 1,3; 4,5; 2,6
C. 1,4; 2,3 ; 5,6
D. 1,6 ; 2,4; 3,5

40.



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

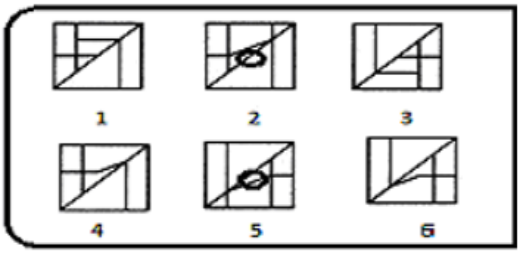
41.



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

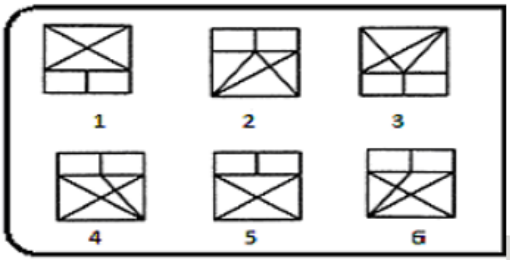
Grouping of images - Practice Sheet

42.



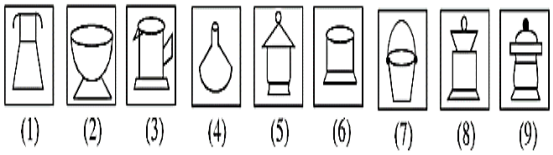
A. 1,3; 2,5; 4,6
B. 1,3; 4,5; 2,6
C. 1,4; 2,3 ; 5,6
D. 1,6 ; 2,4; 3,5

43.



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

44.

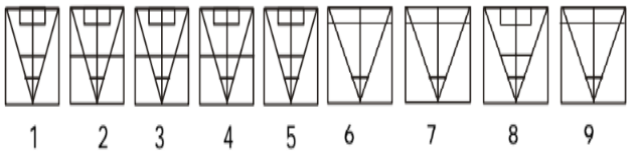


A. 1, 4, 7, 2, 5, 9, 3, 8, 6
B. 2, 6, 9, 1, 4, 7, 5, 8, 3
C. 1, 4, 7, 2, 3, 6, 5, 8, 9
D. 3, 5, 1, 4, 7, 8, 6, 2, 9

45.

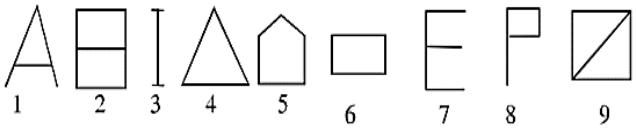
A. 1, 4, 9; 2, 5, 8; 3, 6, 7
B. 2, 5, 8; 1, 4, 6; 3, 7, 9
C. 3, 6, 7; 2, 5, 8; 1, 2, 9
D. 2, 5, 8; 3, 6, 9; 4, 6, 7

46.



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

47.

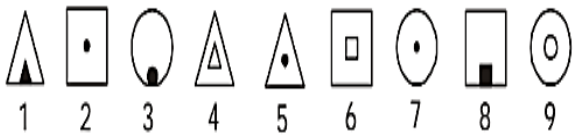


A. 1,3,4 2,5,9 6,7,8
B. 1,2,3 4,5,6 7,8,9
C. 1,5,9 2,4,7 3,6,8
D. 3,7,8 1,6,5 4,2,9

48.

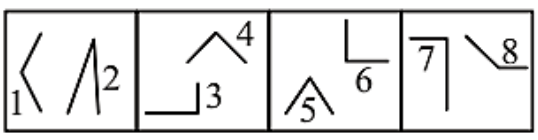
A. 1, 4, 7; 2, 5, 8; 3, 6, 9
B. 1, 4, 5; 2, 6, 8; 3, 7, 9
C. 1, 7, 9; 3, 5, 8; 2, 4, 6
D. 1, 6, 9; 2, 5, 8; 3, 4, 7

49.



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

50.

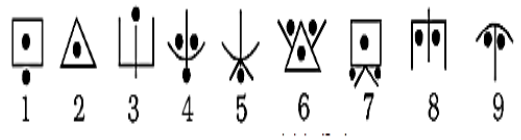


A. 2, 4, 5, 7; 1, 3, 6, 8

Grouping of images - Practice Sheet

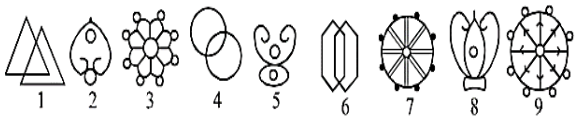
B. 1, 4, 5, 8; 2, 3, 6, 7
C. 2, 3, 5, 7; 1, 4, 6, 8
D. 1, 2, 5, 8; 3, 4, 6, 7

51.



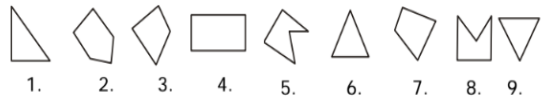
A. 1, 7, 8; 2, 6, 5; 3, 4, 9
B. 1, 8, 9; 2, 3, 5; 4, 6, 7
C. 2, 3, 5; 1, 7, 8; 4, 6, 9
D. 2, 6, 7; 1, 3, 4; 5, 8, 9

52.



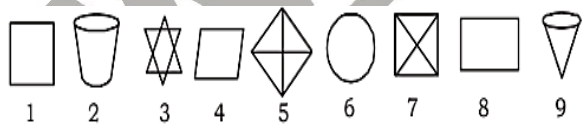
A. 1, 4, 8; 2, 5, 7; 3, 9, 6
B. 1, 4, 6; 2, 5, 8; 3, 7, 9
C. 1, 4, 6; 2, 5, 7; 3, 8, 9
D. 1, 2, 3; 4, 5, 6; 7, 8, 9

53.



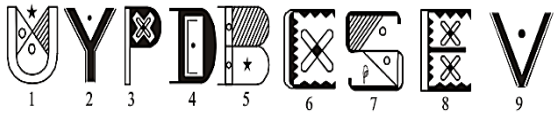
A. 789, 243, 156
B. 132, 457, 689
C. 168, 347, 259
D. 169, 347, 258

54.



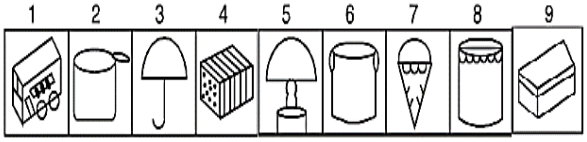
A. 1, 4, 7; 2, 6, 9; 3, 5, 8
B. 1, 7, 8; 2, 5, 9; 3, 4, 6
C. 1, 4, 8; 2, 6, 9; 3, 5, 7
D. 1, 4, 8; 2, 6, 5; 3, 7, 9

55.



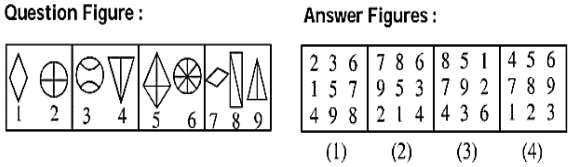
A. 1, 5, 7; 2, 4, 9; 3, 6, 8
B. 1, 5, 7; 2, 8, 9; 3, 4, 6
C. 1, 7, 8; 2, 4, 9; 3, 5, 6
D. 1, 4, 6; 5, 8, 9; 2, 3, 7

56.



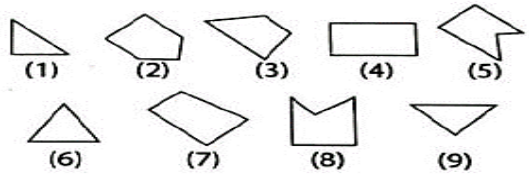
A. 1, 4, 9 ; 2, 6, 8 ; 3, 5, 7
B. 1, 4, 5; 3, 6, 8 ; 2, 7, 9
C. 1, 4, 6; 2, 7, 8; 3, 5, 9
D. 1, 3, 6 ; 2, 4, 7 ; 5, 8, 9

57.



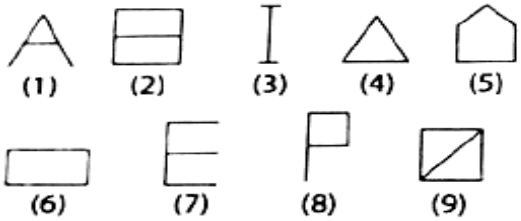
A. 1
B. 2
C. 3
D. 4

58.



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)

59.

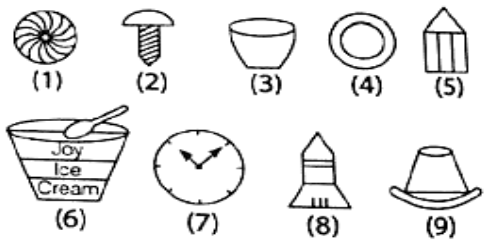


A. (1, 3, 4) (2, 5, 9) (6, 7, 8)
B. (1, 2, 3) (4, 5, 6) (7, 8, 9)

Grouping of images - Practice Sheet

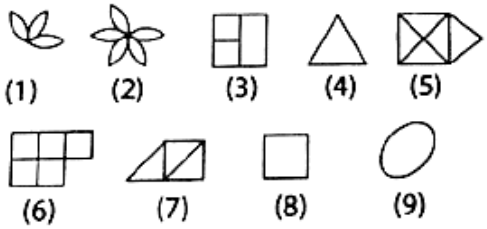
C. (1, 5, 9) (2, 4, 7) (3, 6, 8)
D. (3, 7, 8) (1, 6, 5) (4, 2, 9)

60.



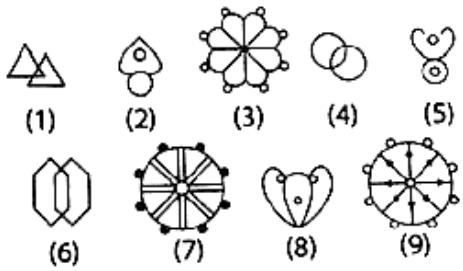
A. (1, 4, 7) (2, 5, 8) (3, 6, 9)
B. (1, 3, 6) (2, 5, 8) (4, 7, 9)
C. (1, 2, 4) (3, 5, 8) (6, 7, 9)
D. (1, 4, 9) (2, 5, 8) (3, 6, 7)
E. none of the above

61.



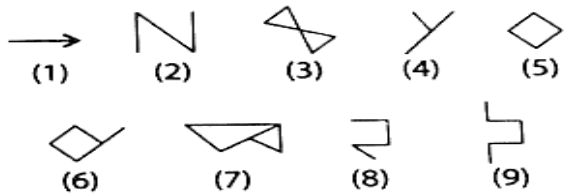
A. (1, 2, 3) (4, 8, 9) (5, 7, 6)
B. (4, 5, 7) (3, 1, 2) (7, 8, 9)
C. (1,3, 7) (4, 8, 9) (2, 5, 6)
D. (3, 5, 6) (8, 7, 4) (9, 1, 2)

62.



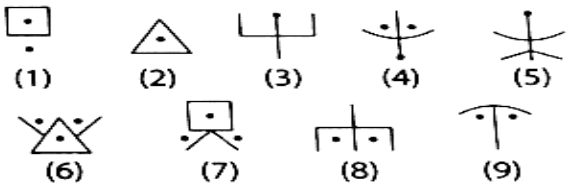
A. (1, 4, 8) (2, 5, 7) (3, 9, 6)
B. (1, 4, 6) (2, 5, 8) (3, 7, 9)
C. (1, 4, 6) (2, 5, 7) (3, 8, 9)
D. (1, 2, 3) (4, 5, 6) (7, 8, 9)

63.



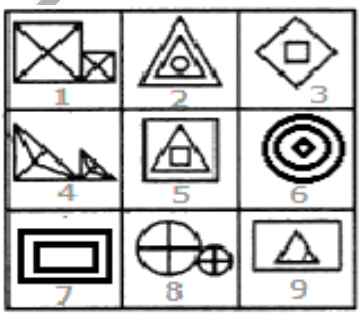
A. (1, 5, 6) (2, 3, 4) (7, 8, 9)
B. (1, 2, 4) (3, 5, 8) (6, 7, 9)
C. (5, 6, 7) (1, 2, 4) (3, 8, 9)
D. (1, 2, 4) (3, 5, 7) (6, 8, 9)

64.



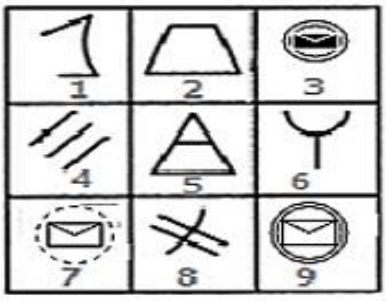
A. (1, 7, 8) (2, 6, 5) (3, 4, 9)
B. (1, 8, 9) (2, 3, 5) (4, 6, 7)
C. (2, 3, 5) (1, 8, 9) (4, 6, 7)
D. (2, 6, 7) (1, 3, 4) (5, 8, 9)

65.



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

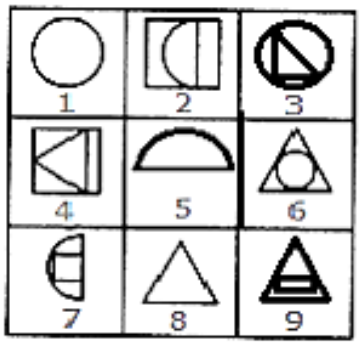
66.



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

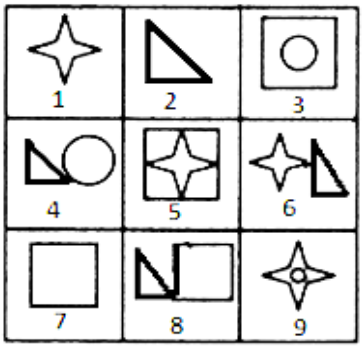
C. 1,6,8 ; 3,7,9 ; 2,4,5
D. 3,8,9 ; 1,2,7 ; 4,5,6

67.



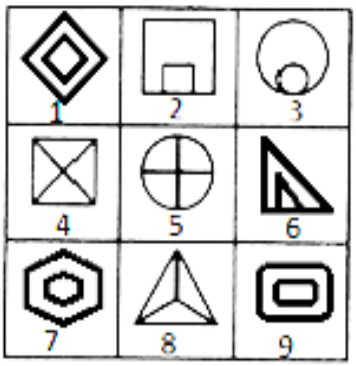
A. 1,5,8 ; 3,4,7 ; 2,6,9
B. 1,3,6 ; 4,5,9 ; 2,7,8
C. 1,3,6 ; 2,5,7 ; 4,8,9
D. 6,7,8 ; 1,3,7 ; 2,4,9

68.



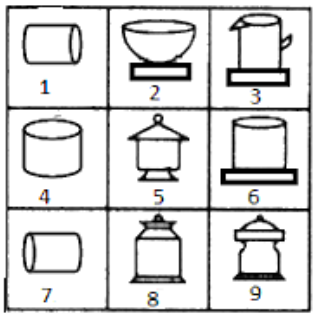
A. 3,4,9 ; 5,7,8 ; 1,2,6
B. 1,5,6 ; 2,4,8 ; 3,7,9
C. 4,6,8 ; 3,5,7 ; 1,2,9
D. 1,2,7 ; 3,5,9 ; 4,6,8

69.



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

70.



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

Grouping of images - Practice Sheet

ANSWERS

1.	A	2.	A	3.	D	4.	A	5.	A
6.	B	7.	D	8.	A	9.	B	10.	C
11.	D	12.	C	13.	C	14.	B	15.	C
16.	A	17.	C	18.	C	19.	A	20.	B
21.	C	22.	B	23.	D	24.	C	25.	B
26.	A	27.	B	28.	B	29.	B	30.	C
31.	C	32.	A	33.	C	34.	A	35.	A
36.	A	37.	D	38.	A	39.	A	40.	A
41.	A	42.	A	43.	A	44.	C	45.	A
46.	D	47.	A	48.	A	49.	D	50.	D
51.	B	52.	B	53.	D	54.	C	55.	A
56.	A	57.	A	58.	D	59.	A	60.	A
61.	C	62.	B	63.	B	64.	C	65.	C
66.	C	67.	C	68.	D	69.	A	70.	C

Grouping of images - Practice Sheet

Solution

1. A.
(1, 4), (2, 3) and (5, 6) are three different pairs of identical figures.

2. A
1, 3, 9 have one element placed inside a different element.
2, 5, 6 contain two mutually perpendicular lines dividing the figure into four parts.
4, 7, 8 have two similar elements (unequal in size) attached to each other.

3. D
1, 6, 9, are all triangles.
3, 4, 7 are all four-sided figures.
2, 5, 8 are all five-sided figures.

4. A
1, 2, 3 are figures composed of two straight lines.
4, 5, 6 are figures composed of three straight lines.
7, 8, 9 are figures composed of four straight lines.

5. A
1, 4, 7 are all (two-dimensional) quadrilaterals.
2, 5, 8 are all three-dimensional figures.
3, 6, 9 are all (two-dimensional) triangles.

6. B
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.

7. D
1, 3 contain a V-shaped element inside a geometrical figure.
2, 4, 5 contain two similar elements, one placed inside the other and touching it.
6, 7 contain geometrical figures which are divided into four equal parts by two mutually perpendicular straight lines.

8. A
1, 2, 5 are figures that have patterns formed from four lines curved in a concave direction.
3, 7, 8 are figures that have patterns formed from four lines curved in a convex direction.
4, 6, 9 are figures that have patterns formed from these straight lines.

9. B
1, 5, 7 contain a rectangle with its two diagonals as the outer element and another element (similar or different) placed inside it.
2, 6, 9 contain a triangle with its three medians as the outer element and another element (similar or different) placed inside it.
3, 4, 8 contain a circle with its two mutually perpendicular diameters as the outer element and another element (similar or different) placed inside it.

10. C
1, 3, 5 are figures having partially or completely curved boundaries.
2, 6, 8 are all triangles.
4, 7, 9 are all quadrilaterals.

11. D
1, 2, 7 are simple geometrical figures.
3, 5, 9 have one element placed inside a different element.
4, 6, 8 have two different elements attached to each other.

12. C
1, 3, 6 contain one complete circle each.
2, 5, 7 contain a semi-circle each.
4, 8, 9 contain a triangle each.

Grouping of images - Practice Sheet

13. C
1, 6, 8 are figures composed of straight as well as curved lines.
3, 7, 9 are closed figures shaded by oblique line segments.
2, 4, 5 are figures composed of straight lines only.

14. B
1, 7, 8 are all undivided geometrical figures.
3, 5, 6 are geometrical figures divided into two parts.
2, 4, 9 are geometrical figures divided into four parts.

15. C
1, 4, 8 contain similar elements (not equal in size) each divided into four parts and attached to each other.
2, 5, 6 contain three elements (two of which are similar) placed one inside the other.
3, 7, 9 contain one element inside the other, which may or may not be similar.

16. A
1, 7, 9 contain two similar elements one inside the other but not touching each other.

2, 3, 6 contain two similar elements one inside the other and both touching each other.

4, 5, 8 are divided into equal parts by straight lines emerging from the centre.

17. C
5, 8, 9 are objects having both base as well as upper lid.

2, 3, 6 are objects having base but not upper lid.

1, 4, 7 are objects which have neither a base nor an upper lid attached to them.

18. C
3, 6, 9 are geometrical figures containing line segments (the number of these line segments is half the number of sides in the figure) parallel to the sides of the figure.

1, 5, 8 consist of a circle and a triangle intersecting it. The triangle is also divided into two equal parts by a straight line.

2, 4, 7 are all funnel shaped figures.

19. A
1, 6, 9 are figures which are half shaded by slanting lines.

2, 4, 7 are all divided into equal parts (either three or four parts) by straight lines and also have a black circle at the centre.

3, 5, 8 have similar designs and have their four corners shaded black.

20. B
1, 5, 6 have two similar elements, one inside the other.
2, 3, 4 contain straight lines each dividing, the figure into two equal parts.
7, 8, 9 have one element placed inside a different element.

21. C
Here, figures 1, 5, 7 contain similar properties. Fig.2, 4 and 9 are similar as they are made of four straight lines. Similarly, Figures 3, 6, and 9 contain a circle as a base. Hence, (c) in the answer.

22. B
Here, we observe that the figure 1,6,7 have only elements, the figures 2,5 and 9 have two elements while figures 3,4 and 8 consist of three elements. Hence, (b) is the correct alternative.

23. D
Clearly, in figures 1, 4, 6, two similar figures intersect each other. In figures 2, 3, 8, two dissimilar figures intersect each

other. In rest of the figures, i.e., in 5, 7, 9 one similar figure in enclosed into another similar figure.
Hence, (d) is the answer.

24. C. 1,4,7; 2,6,9; 3,5,8
As per the given above figures, we can see that
Figures (1), (4) and (7) are Triangle.
Figures (2), (6) and (9) are circular.
Figures (3), (5) and (8) are square.

25. B. 1,8,9 ; 2,5,6; 3, 4,7
As per the given above figures, we can see that
Figures (1), (8) and (9) are Intensive.
Figures (2), (5) and (6) are squares.
Figures (3), (4) and (7) are making plus.

26. A. 1,5,7; 2,6,8 ; 3,4,9
As per the given above figures, we can see that
Figures (1), (7) are making (5).
Figures (6), (8) are making (2).
Figures (4), (9) are making (3).

27. B. 2,7,9 ; 1,4,6 ; 3,5,8
As per the given above figures, we can see that
Figures (2), (7) and (9) having rounded line.
Figures (1), (4) and (6) having straight line.
Figures (3), (5) and (8) having circle.

28. B. 1,5,8 ; 2,4,7 ; 3,6,9
As per the given above figures, we can see that
Figures (1), (5) and (8) having two boxes.
Figures (2), (4) and (7) having circle.
Figures (3), (6) and (9) having cross.

29. B. 2,3,4 ; 1,9,7 ; 5,6,8
As per the given above figures, we can see that
Figures (2), (3) and (4) having four leaves.
Figures (1), (9) and (7) having five leaves.
Figures (5), (6) and (8) having three leaves.

30. C. 1,5,7 ; 2,8,9; 3,4,6
As per the given above figures, we can see that
Figures (1), (5) and (7) are circle.
Figures (2), (8) and (9) are triangle.
Figures (3), (4) and (6) having four sides.

31. C. 2,5,6; 3,8,9 ; 1,4,7
As per the given above figures, we can see that
Figures (2), (5) and (6) having triangle.
Figures (3), (8) and (9) having group circle.
Figures (1), (4) and (7) having plus sign.

32. A. 1,5,8 ; 2,4,7; 3,6,9
As per the given above figures, we can see that
Figures (1), (5) and (8) having two figures.
Figures (2), (4) and (7) having three figures.
Figures (3), (6) and (9) having plus sign.

33. C. 1,2,3; 4,5,9; 6,7,8
As per the given above figures, we can see that
Figures (2), (3) are making (1).
Figures (5), (9) are making (4).
Figures (7), (8) are making (6).

34. A. 1,6; 2,4 ; 5,3
As per the given above figures, we can see that
Figures (1) and (6) are similar.
Figures (2) and (4) are similar.
Figures (5) and (3) are similar.

35. A. 1,6; 2,5; 3,4
As per the given above figures, we can see that
Figure (1) is hidden in (6).
Figure (2) is hidden in (5).
Figure (3) is hidden in (4).

36. A. 1,5 ; 2,3; 4,6
As per the given above figures, we can see that
Figures (1) and (5) are similar.
Figures (2) and (3) are similar.
Figures (4) and (6) are similar.

37. D. 1,6 ; 2,4; 3,5
As per the given above figures, we can see that
Figures (1) and (6) are similar.
Figures (2) and (4) are similar.
Figures (3) and (5) are similar.

38. A. 1,5 ; 2,3; 4,6
As per the given above figures, we can see that
Figure (5) is hidden in (1).
Figure (2) is hidden in (3).
Figure (4) is hidden in (6).

39. A. 1,5; 2,3;4,6
As per the given above figures, we can see that
Figure (5) is hidden in (1).
Figure (2) is hidden in (3).
Figure (4) is hidden in (6).

40. A. 1,4 ; 2,5 ; 3,6
As per the given above figures, we can see that
Figure (4) is hidden in (1).
Figure (5) is hidden in (2).
Figure (3) is hidden in (6).

41. A. 1,2; 3,5; 4,6
As per the given above figures, we can see that
Figures (1) and (2) are similar.
Figures (3) and (5) are similar.
Figures (4) and (6) are similar.

42. A. 1,3; 2,5; 4,6
As per the given above figures, we can see that
Figure (1) is rotation of figure (3).
Figure (2) is rotation of figure (5).
Figure (4) is rotation of figure (6).

43. A. 1,5; 2,3; 4,6
As per the given above figures, we can see that
Figure (1) is rotation image of (5).
Figure (2) is rotation image of (3).
Figure (4) is rotation image of (6).

44. C
Figures (1), (4) and (7) : Different types of pots
Figures (2), (3) and (6) : Pot with base and without lid
Figures (5), (8) and (9) : Pot with Lid

45. A
As per the given above figures, we get
Figures (1), (4) and (9): More or less triangular designs
Figures (2), (5) and (8): Design with curved
Figures (3), (6) and (7): Leaves

46. D
As per the given above figures , we can see that
Figures (1), (5) and (8) are similar.
Figures (2), (3) and (4) are similar.
Figures (6), (7) and (9) are similar.

47. A
As we can see that ,
Figures (1), (3) and (4) : having three sides .
Figures (2), (5) and (9) : having five sides .
Figures (6), (7) and (8) : having four sides
As shown in given below .

48. A
As we can see that ,
Figures 1, 4 and 7 → Vessels with lids
Figures 2, 5 and 8 → Kettle like vessels
Figure 3, 6 and 9 → Flowers

49. D
As per the given series of figures, which can be classified as:-
Figures 1, 3 and 8 ⇒ One big design and one smaller shaded design.
Figures 2, 5 and 7 ⇒ Each design has a black dot.
Figures 4, 6 and 9 ⇒ Two similar designs

50. D
As per the given series of figures, which can be classified as:-

The figures 1, 2, 5, and 8 are either acute or obtuse angles.
The figures 3, 4, 6 and 7 are right angles.

51. B
On the basis of above given series of figures, which can be classified as:-
Figures (1), (8) and (9); Two black dots
Figures (2), (3) and (5): One black dot
Figures (4), (6) and (7): Three black dots

52. B
As we can see that ,
Figures (1, 4, 6) ⇒ There are two similar designs.
Figures (2, 5, 8) ⇒ Irregular figures
Figures (3, 7, 9) ⇒ The main design is divided into eight parts.

53. D
As per the given series of figures, which can be classified as:-
Figures 1, 6 and 9 → Triangles
Figures 3, 4 and 7 → Quadrilaterals
Figures 2, 5 and 8 → Consist of 5 sides

54. C
As we can see that ,
Figures (1), (4) and (8) → Each figure consists of four straight lines.
Figures (2), (6) and (9) → Each figure consists of curved line and straight lines.
Figures (3), (5) and (7) → Each figure consists of six straight lines.

55. A
As we can see that ,
Figures 1, 5 and 7 contain an English letter, two circles, one star and oblique lines.
Figures 2, 4 and 9 contain an English letter and one dot.
Figures 3, 6 and 8 contain an English letter and one or two cross sign (s).

56. A
As we can see that ,
Figures (1), (4) and (9); Cuboid
Figures (2), (6) and (8): Pot with Lid
Figures (3), (5) and (7): Different articles.

57. A
According to question , we can see that
Figures 2, 3 and 6 are circles.
Figures 1, 5 and 7 are quadrilaterals.
Figures 4, 8 and 9 contain a diagonal.

58. D
The figures (1), (6) and (9) are all triangles while as the figures (3), (4) and (7) are all quadrilaterals. Also, the figures (2), (5) and (8) are all pentagons. So these groups are identical and the correct answer is thus D.

59. A
If we start grouping the figures on the basis of sides, we have:
The figures that are made by three lines are (1, 3, 4)
Also, the figures which are made by four lines are (6, 7, 8)
Similarly, the figures made by the five lines are (2, 5, 9). These three groups are present in the option A. Thus the answer is A.

60. A
There are figures that have one small and one big circle are figure 1, figure 4, and figure 7. Figures which have one sharp point are the figure2, figure 5, and figure 8. Also, the figures that have shapes like buckets are the figure 3, figure 6, and figure 9.

61. C
The figures 1, 3 and 7 have three petals. three rectangles and three triangles respectively. So, they should be grouped in one group figures 4, 8 and 9 have one triangle, one rectangle and one circle respectively. So, they should be grouped into one group. On the other hand, the figures between 2, 5 and 6 have five petals, five triangles and five squares, respectively. So, they should be grouped

into one group. Therefore the correct answer is C. (1,3, 7) (4, 8, 9) (2, 5, 6).

62. B
The figures 1, 4 and 6 have two triangles, two circles and two hexagons, respectively. Figures 2, 5 and 8 are similar in shape. In figures 3, 7 and 9 there are eight small circles around a big circle

63. B
In the question figure we see that the figures that we label 1, 2 and 4 all consist of three lines. Also, the figures 3, 5 and 8 all consist of four lines each. Similarly, we can see that the figures 6, 7 and 9 all consist of five lines. Therefore this gives us the grouping of the figures. Thus the correct option is B.

64. C
As is clear from the question figure, the figures 2, 3 and 5 have one point or in other words, we can say that they are a one-pointed system. Also, we can see that the figures 1, 8 and 9 are made up of four lines. Below we have some practice problems on the Grouping of Figures.

65. C
1, 4, 8 contain similar elements (not equal in size) each divided into four parts and attached to each other.
2, 5, 6 contain three elements (two of which are similar) placed one inside the other.
3, 7, 9 contain one element inside the other, which may or may not be similar.

66. C
1, 6, 8 are figures composed of straight as well as curved lines.
3, 7, 9 are closed figures of Message throwing.
2, 4, 5 are figures composed of straight lines only.

67. C
1, 3, 6 contain one complete circle each.
2, 5, 7 contain a semi-circle each.
4, 8, 9 contain a triangle each.

68. D
1, 2, 7 are simple geometrical figures.
3, 5, 9 have one element placed inside a different element.
4, 6, 8 have two different elements attached to each other.

69. A
1, 7, 9 contain two similar elements one inside the other but not touching each other.
2, 3, 6 contain two similar elements one inside the other and both touching each other.
4, 5, 8 are divided into equal parts by straight lines emerging from the centre.

70. C
5, 8, 9 are objects having both base as well as upper lid.
2, 3, 6 are objects having base but not upper lid.
1, 4, 7 tare objects which have neither a base nor an upper lid attached to them.