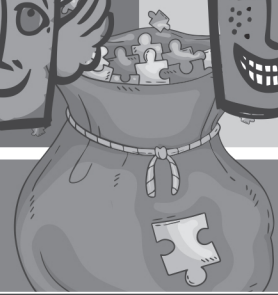




# Mastering Aptitude and **REASONING**

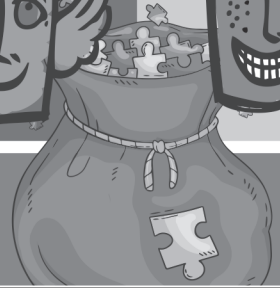
Teacher's Help Book  
(1)





# Mastering Aptitude and **REASONING**



Teacher's Help Book  
(1-5)



# Mastering Aptitude and REASONING



## 1 MATCHING PAIRS

1. In the first pair, it shows that the shoes are worn on feet. Similarly, in the second pair, gloves are worn on hands.
2. The first pair shows the pet animals while the second pair shows the birds.
3. In the first pair, it is shown that toothbrush is used on teeth. In the same way, comb is used on hair.
4. In the first pair, it is shown that the bird lives in a nest while the second pair shows that the lion lives in a den.
5. In the first pair, the spelling and picture of fish is shown while in the second pair, the spelling of deer is given.
6. In the first pair, shirt is related to pant. In the same way, chair is related to the table.
7. In the first pair, boat is related to the river. In the same way, bus moves on the road.
8. In the first pair, notebook is kept in the school bag and in the same way, flowers are kept in a vase.
9. In the first pair, images of E are the mirror images. Similarly, the mirror image of K is  $\mathcal{K}$ .
10. In the first pair, the number of sides in  is 4. Similarly, the number of sides in  is 5.
11. In the first pair, there are three circles. Similarly, there are four squares.
12. In the first pair, B is the next letter to A. Similarly, D is the next letter to C.
13. In the first pair, 11 is the successor of 10. Similarly, 21 is the successor of 20.
14. In the first pair, the spelling of 6 is six. Similarly, the spelling of 7 is seven.
15. In the first pair, circle is inside the square and vice versa. Similarly, circle is inside the triangle and vice-versa.
16. In the first pair, the reverse of 123 is 321. Similarly, the reverse of ABC is CBA.

17. In the first pair,  $2 : 4$  as  $2 + 2 = 4$ .  
In the same way,  $6 + 2 = 8$
18. In the first pair,  $10 \times 10 = 100$ . In the same way,  $20 \times 10 = 200$ .
19. In the first pair, the Sun is seen in the day. Similarly, the Moon is seen in the night.
20. In the first pair, it is shown that book is read. Similarly, we sing a song.
21. In the first pair, big is the opposite of small. Similarly, tall is the opposite of short.
22. In the first pair, we sit on chair. In the same way, we sleep on bed.
23. In the first pair, fire is hot. Similarly, Ice is cold.
24. In the first pair, a car moves on road. In the same way, a boat moves on water.
25. In the first pair, time is shown on clock. Similarly, temperature is measured by thermometer.
26. In the first pair, we drink milk. Similarly, we eat bread.
27. In the first pair, student goes to school. Similarly, patient goes to hospital.
28. In the first pair, a dog barks. Similarly, A cat meows.
29. In the first pair, a driver drives a car. Similarly, a pilot drives an airplane.
30. In the first pair, a plant grows. In the same way, the rain falls.

## 2

## WHAT COMES NEXT?

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1. In the given pattern, the circle on each end is increasing.
2. In the given pattern, the number of sides in the shapes is increasing by one.
3. In the given pattern, each arrow is in the opposite direction of the previous arrow.
4. In the given pattern, the alphabets are shown in the sequential order.
5. In the given pattern, the alphabets are in the reverse order.
6. In the given pattern, one figure is happy and the other is sad.
7. In the given pattern, then numbers are decreasing by 5.
8. In the given pattern, the multiplication table of 2 is shown.
9. In the given pattern, the numbers are decreasing by 1.
10. In the given pattern, the numbers are increased by 101 every time.
11. In the given pattern, the multiplication table of 3 is shown.

12. In the given pattern, the shaded square is in the circle and the figure are switching inside outside.
13. In the given pattern, the numbers show the multiplication table of 6.
14. In the given pattern, the first figure is bat, the second figure is ball and the third figure is chess and then the pattern is repeated.
15. The pattern is switching between cone and cylinder.
16. In the given pattern, the alphabets are increasing in sequential order and their number is also increasing.
17. In the given pattern, the months are increasing in the sequential order.
18. In the word MANGO, one alphabet is deleted in each word.
19. In the given pattern, the spelling and numerical value of number is given.
20. In the given pattern, the alphabets are in sequence ABCD, EFGH, IJKL and MNOP.
21. In the given pattern, the pictures of balloon and chocolate are given in a repeated manner.
22. In the given pattern, the pictures are in sequence of shirt, pant, shoes and they again repeat in the same manner.
23. In the given pattern, the alphabet T is given upside down in the repeated manner.

### 3

## ODD ONE OUT

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1. In the given set, all others are fruits, except carrot which is a vegetable.
2. In the given set, Sun, moon and star are seen in the sky, except table which is a furniture.
3. Except ball, all others are animals.
4. Except potato, all others are stationery items.
5. Except bicycle, all others run with the help of an engine.
6. Except apple, all others are clothes.
7. Except cabbage, all others are flowers.
8. Except a glass of water, all others are electrical appliances.
9. Except fox, all others are birds.
10. Except legs, all others are sense organs.
11. Except the male doctor, all others are females.
12. Except the chocolate, all others are sports equipments.

13. Except option (c), all the other figures have different shapes for eyes and nose.
14. Except option (d), all other figures show circles in opposite direction.
15. Except option (b), all other figures have two lions at the bottom.
16. Except option (d), all the other figures have straight lines.
17. Except option (a), all the other figures have straight line at the bottom of the arrow.
18. Except option (c), all the other options are names of seasons.
19. Except option (a), all others are the names of months.
20. Except option (b), all others are the names of colours.
21. Except option (a), all other figures are overlapping each other slightly.
22. Except option (d), all other figures are 2-D shapes whereas option (d) is a 3-D shape.
23. Except option (a), all other figures have same lines as the number of sides in the figures.
24. Except option (d), all others are open figures.
25. Except option (b), all other options have five circles.
26. Except option (c), all other options have a total of 10.
27. Except option (c), all other options are even numbers.
28. Except option (a), all other options are parts of VIBGYOR.
29. Except option (c), all others are planets.
30. Except option (c), all other options add up to an even number.

## 4

## GEOMETRICAL SHAPES

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1. The given shape is a square.
2. The given shape is a circle.
3. The given shape is a triangle.
4. The given shape is a rectangle.
5. The given shape is an oval.
6. The number of squares are 2.
7. The number of triangles are 5.
8. The number of circles are 4.

9. The number of rectangles are 3.
10. The face has the shape of a circle.
11. The arms have the shape of a rectangle.
12. The stomach has the shape of a triangle.
13. The neck has the shape of a circle.
14. The legs have the shape of a rectangle.
15. The figure is a combination of a circle and a rectangle.
16. The number of triangles in the given figure are 3.
17. The number of sides in the given figure are 5.
18. The number of corners in the given figure are 4.
19. The total number of circles in the given figure are 13.
20. The total number of triangles in the given figure are 6.
21. The total number of squares in the given figure are 5.
22. The total number of rectangles in the given figure are 4.
23. Square and triangle are present in the given figure.

## 5

## GROUPING

---

1. There are 3 groups of 3 flowers each
2. There are 2 equal groups of 5 ice-creams.
3. There are 6 equal groups of 2 apples.
4. There are 5 books in each group.
5. There are 3 cones in each group.
6. There are 10 equal groups of 2 pens each.
7. There are 4 groups of parrots.
8. There are 3 parrots in each group.
9. There are 12 parrots altogether.
10. There are 5 triangles in the given picture.
11. There are 7 brinjals in the diagram.
12. There are 6 potatoes in the diagram.
13. There are 4 cauliflowers in the diagram.
14. There are 8 carrots in the diagram.

15. There are 5 tomatoes in the diagram.

## 6

## SPATIAL RELATIONSHIPS

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1. The Sun is in the sky.
2. The cat is far from the house.
3. The tree is in front of you.
4. The elephant is in the middle.
5. The chair is below you.
6. The birds fly in the sky.
7. The cow is near the grass.
8. The dog is under the chair.
9. Your friend is next to you.
10. The sofa is in front of the lamp.
11. The table is under the hat.
12. The wall is behind the clock.
13. Peter is standing outside the house.
14. The number of notebooks on the table is 5.
15. The number of notebooks under the table is 2.

## 7

## RANKING TEST

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1. The position of the triangle is 4th from the left end.
2. BUTTERFLY  
Letter E is exactly in the middle.
3. There are 6 people in the line in total.
4. '÷' is 3rd from the right end.
5. Ball M is fifth from the left end.
6. Flower S is second from the right end.
7. Letter D is the 3rd letter from the left end.
8. The shoe is now the 3rd item from the left end.
9. The position of the apple is 4th from the left end.
10. Rohan is standing between Ria and Megha.



11. Letter T is 5th from the left end.
12. The arrow is 1st from the left end.
13. Pooja is between Sunny and Jay.
14. Mini is climbing on the top.
15. Sunny is climbing just after Mini.
16. The cat is just after the lion.
17. The elephant is just before the giraffe.
18. The giraffe is just after the elephant.
19. The lion is just before the cat.
20. The cat is just between the lion and the dog.
21. Letter 'L' is second from the left end in the word 'OLYMPIAD'.
22. Letter 'T' is exactly between U and N in the word 'QUESTION'.
23. Letter 'E' is the 5th letter from the left end.
24. The number 6 is 8th number from the right end.
25. Amit is between Mohit and Rohit.