

GENERAL INSTRUCTIONS:

The question paper is divided into three sections

- Section A – Q.no 1 to Q.no 35→35 Marks
- Section B – Q.no 36 to Q.no 40→15 Marks
- Section C – Q.no 41 to Q.no 47→30 Marks(any 6)
- Note: Write appropriate question number

SECTION – A

I. Multiple choice questions:

15x1=15

- 1 rupee = ____ paise.
a) 100 b) 50 c) 25 d) 1000
- A triangle has ____ sides.
a) 2 b) 4 c) 5 d) 3
- Which of the following is a prime number?
a) 4 b) 5 c) 6 d) 8
- A part of a whole is a ____.
a) Numerator b) Fraction c) Denominator d) Term
- ____ is the smallest odd composite number.
a) 9 b) 2 c) 3 d) 4
- $\frac{1}{2}$ of 100 ____.
a) 100 b) 50 c) 75 d) 40
- The sum of the length of the boundary is called the ____.
a) Area b) Perimeter c) Volume d) Nets
- A square has ____ lines of symmetry.
a) Two b) Four c) Infinite d) One
- The angles having degree measures as 0° and 180° are called ____.
a) Zero angle b) Straight angle c) Both of these d) Right angle
- ____ is neither prime nor composite number.
a) 1 b) 2 c) 3 d) 4
- A ____ is a closed figure made up of line segments.
a) Circle b) Polygon c) Semicircle d) None
- Which of the following is not a multiple of 10?
a) 10 b) 20 c) 11 d) 30
- The number which is divisible by 1 and the number itself is called ____ number.
a) Prime b) Composite c) Even d) None
- Unlike fractions have ____ denominators.
a) Equal b) Same c) Different d) Both a and c

15. While naming or writing an angle, a ____ is put in the middle.

- a) Vertex b) line c) Ray d) Line segment

II. Match the following:

10x1=10

PART-A

16. Water image - Length \times Breadth
17. 5 sided polygon - 4
18. $2\frac{1}{4}$ - Reflection
19. $\frac{1}{5}$ of 20 - Mixed fraction
20. Area of a rectangle - Pentagon

PART-B

21. Rectangle - $4 \times$ side
22. Straight angle - 1, 3, 5, 15
23. Factors of 15 - 2 lines of symmetry
24. Even prime number - 180°
25. Perimeter of square - 2

III. Answer the following:

10x1=10

26. The Indian flag can be folded in two ways as shown below.



- i) Can you get two symmetrical halves in each case?
ii) What is the name of the line about which the flag can be folded?

27. Write first four multiples of 9.

28. Find $\frac{1}{17}$ of 170.

29. Which has the smaller area – two twenty rupee notes together or a fifty rupee note.

30. If 1kg of tomato = ₹12, find the cost of 2kg of tomatoes?

31. How many 25 paise will make one rupee?

32. Draw anything of your choice around the angle shown.



33. What are the factors of 10?

34. Write any 2 letters in English alphabet that look the same after half a turn.

35. 1 day = 24 hours, find out one third of a day .

SECTION - B

IV. Solve the following:

$$5 \times 3 = 15$$

36. The actual arrival time of a train is quarter to 5. But the train is late by 30 minutes, find the arrival time .

37. Draw a factor tree for 20.

38. Name the angles of the following measures.

- a) 0° b) 120° c) 45°

39. Write the four common multiples of 2 and 4.

40. Make $\frac{1}{4}$ and $\frac{1}{2}$ turn for the following shapes. \triangle \square \circ

SECTION - C

V. Do the sums (any 6)

$$6 \times 5 = 30$$

41. Suman's shopping list.

Item	Price in Rs. (Per Kg)
Potato	15
Onion	18
Carrot	16
Gourd	8

*Look at the list.

a) How much does 2kg of onion cost? (1)

b) What is the price of $2\frac{1}{4}$ kg of carrot? (1)

c) Kailash wants $2\frac{1}{3}$ kg potato. How much will it cost? (1)

d) He bought a gourd of weight $4\frac{3}{4}$ kg and it costs ? (2)

42. Father has written a will that he could share his 8 houses among his three sons. So the eldest son will get $\frac{1}{2}$ of the houses, second son will get $\frac{1}{4}$ of the houses, and third son will get $\frac{1}{4}$ of the houses. How many houses does each get?

43. Vanita took some tamarind seeds. She made groups of five with them and found that one seed was left over. She tried making groups of six and groups of four. Each time one seed was left over. What is the smallest number of seeds that Vanita had?

44. There is a garden in Anisha's house. In the middle of the garden there is a path. She decided to tile the path using tiles of length 3 feet, 5 feet and 6 feet. The Mason tiled the first row with 3 feet tiles, the second row with 5 feet tiles and the third. row with 6 feet tiles. The Mason has not cut any of the tiles. Then what is the shortest length of the path?

45. Nandhu wanted to give 30 tomatoes and 24 potatoes to his friends. He gave Rajesh one fifth of the tomatoes and $\frac{1}{3}$ of the potatoes. Subha got $\frac{2}{5}$ of

the tomatoes and $\frac{3}{6}$ of the potatoes. Nancy got the rest of the vegetables.

Find each share .

46. Draw an angle, $\angle ABC = 90^\circ$ using protractor.

47. What is the area of the shaded triangle, if the area of the square is 36sq.cm.

