

Class – IV

Subject: Mathematics

General Instructions

Section A choose the correct option.

Section B very short answer questions.

Section C short answer questions.

Section D long answer questions.

All questions are compulsory .

SECTION - A

Choose the correct option:

Q1 _____ is the smallest even prime number.

- a) 3 b) 6 c) 2

Q2 Multiples of a number are _____.

- a) limited b) unlimited c) equal

Q3 The basic unit of length is _____.

- a) litre b) metre c) gram

Q4 A _____ must have horizontal and vertical bars.

- a) bar graph b) pictograph c) data

Q5 Perimeter of a rectangle = _____

- a) $4 \times (L + B)$ b) $3 \times (L + B)$ c) $2 \times (L + B)$

Section - B

Q6. Write all the multiples of 13 between 30 and 80.

Q7 Subtract: 10km 625m from 12km 125m

Q8. Reduce the following to their lowest term:

- a) $\frac{25}{75}$ b) $\frac{14}{56}$

Q9. Find the area of a square table whose side is 35 cm

Q10. Convert into mixed fractions:-

- a) $\frac{59}{4}$
b) $\frac{85}{9}$

Q11. Fill in the blanks:

- a) The information collected in the form of collected figures is called _____.
- b) A _____ represents data through pictures of object.

Q12. Test the divisibility of 342 by 6.

SECTION – C

Q13. Convert the following: -

- a) 746 dm into m
- b) 2 km 345 m into m
- c) 8456 g into kg

Q14. The perimeter of an equilateral triangle is 72 cm. Find the side of the equilateral triangle.

Q15. Find an equivalent fraction of $\frac{5}{6}$ with

- a) Numerator = 15
- b) Denominator = 30

Q16 Sona ate $\frac{3}{5}$ of a chocolate bar and Mona ate $\frac{1}{2}$ of a chocolate bar. Who ate more chocolate and by how much ?

Q17. The LCM of 10 and 12 is 60. Find the next five common multiples.

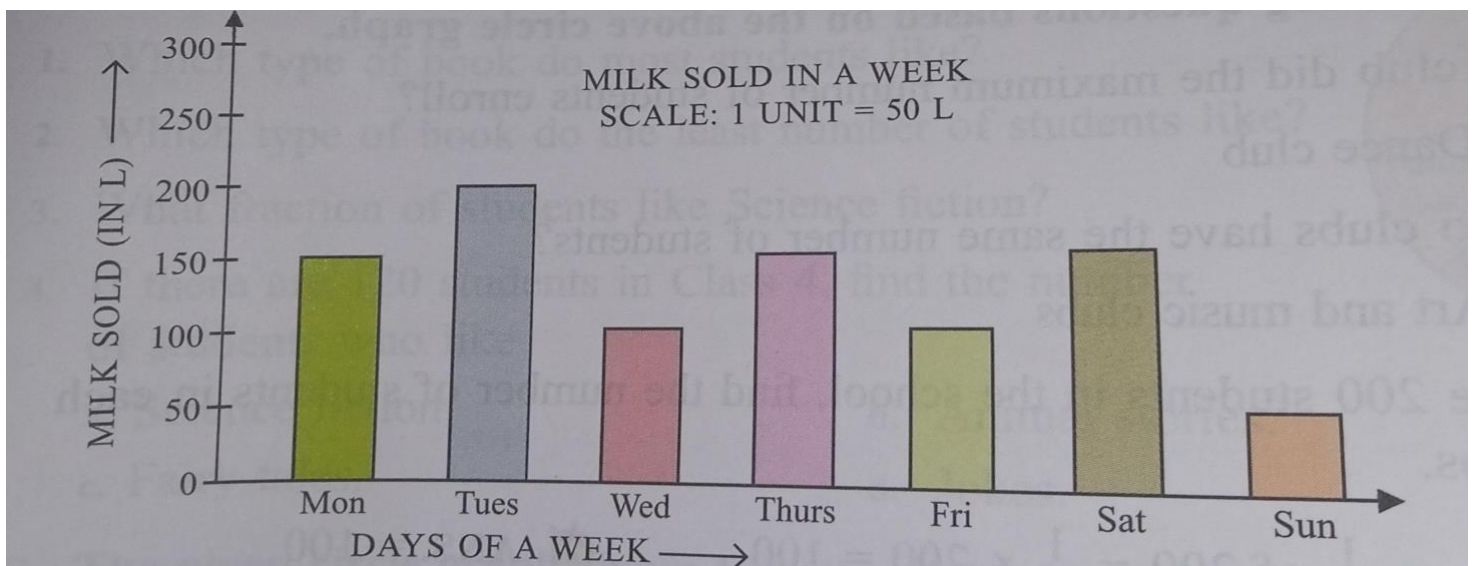
Q18. Nancy brought a cake weighing 5 kg 675 g. She gave 2 kg 395 g to her brother. How much cake is left with her ?

Q19. Solve

- a) $\frac{6}{10} + \frac{5}{15}$
- b) $\frac{11}{19} - \frac{5}{19}$
- c) $3 \times \frac{5}{9}$

Q20. The perimeter of a triangle is 92cm. Two sides of a triangle are 45cm and 23cm. Find the third side.

Q21. The following bar graph shows the quantity of the milk sold by a dairy in a week.



Answer the following questions.

- a) On which day the maximum quantity of milk sold?
- b) On which day was the least quantity of milk sold?
- c) How much milk was sold on Saturday and Sunday together?

SECTION – D

Q22. a) Arrange the fractions in ascending order: $\frac{6}{17}, \frac{6}{19}, \frac{6}{11}, \frac{6}{10}$

b) Arrange the fractions in descending order:- $\frac{2}{3}, \frac{4}{5}, \frac{7}{6}, \frac{3}{10}$

Q23. The length and breadth of a rectangular table is 30cm and 23cm. Find the area and perimeter of a rectangular table.

Q24. a) Write the factors of 27?

b) Is 124 a factor of 8 ?

c) Write the first four multiples of 24.

d) Prime factorization of 48 using factor tree method.

Q25. Deepika went for grocery shopping with her mother. They bought the following items from the grocery store.

Items	Weight
Rice	3Kg 500gm
Sugar	7Kg 430g
Spices	4Kg
Flour	2kg 350g

Now answer the following questions

- a) Which grocery item is bought in maximum quantity?
- b) What is the difference between the weight of sugar and flour?
- c) What is the total weight of all items?
- d) Convert the weight of spices into gram?