

TOPIC: GEOMETRY, METRIC MEASURES, DATA HANDLING

**PAPER PATTERN:**

SECTION A (10 marks) (10 MCQs of 1 mark each) Q 1 to 10

SECTION B (10 marks) (5 questions of 2 marks each) Q 12 to 16

SECTION C (12 marks) (4 questions of 3 marks each) Q 17 to 20

SECTION D (5 marks) (1 question of 5 marks) Q 21

**SECTION-A**

- It has a definite length.
  - Ray
  - Line
  - Line segment
- Data represented in form of bars is called \_\_\_\_
  - pictograph
  - bar graph
  - circle graph
- How many millimetres make a centimeter?
  - 10
  - 100
  - 1000
- The lines meeting at common point are called \_\_\_\_
  - parallel
  - perpendicular
  - intersecting

**SECTION-B**

5. Case study based question:

Hazel bought 25 kg rice, 13 kg 500 g sugar and 5 kg 450 g pulses from a grocery store.

- Find the quantity of sugar in grams?
- What was the total weight of all the items?
- Subtract the weight of pulses from weight of rice.

**SECTION-C**

- Find the diameter of circle if the radius is 48 cm.
- Draw two symmetrical shapes having a line of symmetry.

**SECTION-D**

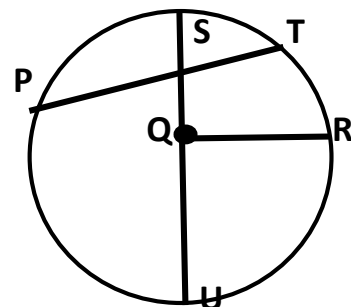
8. Prepare a tally chart and a pictograph for the following data:

Take 1 😊 = 7 children

Name of fruits	Number of children
Apple	35
Grapes	14
Pomegranate	28
Guava	7

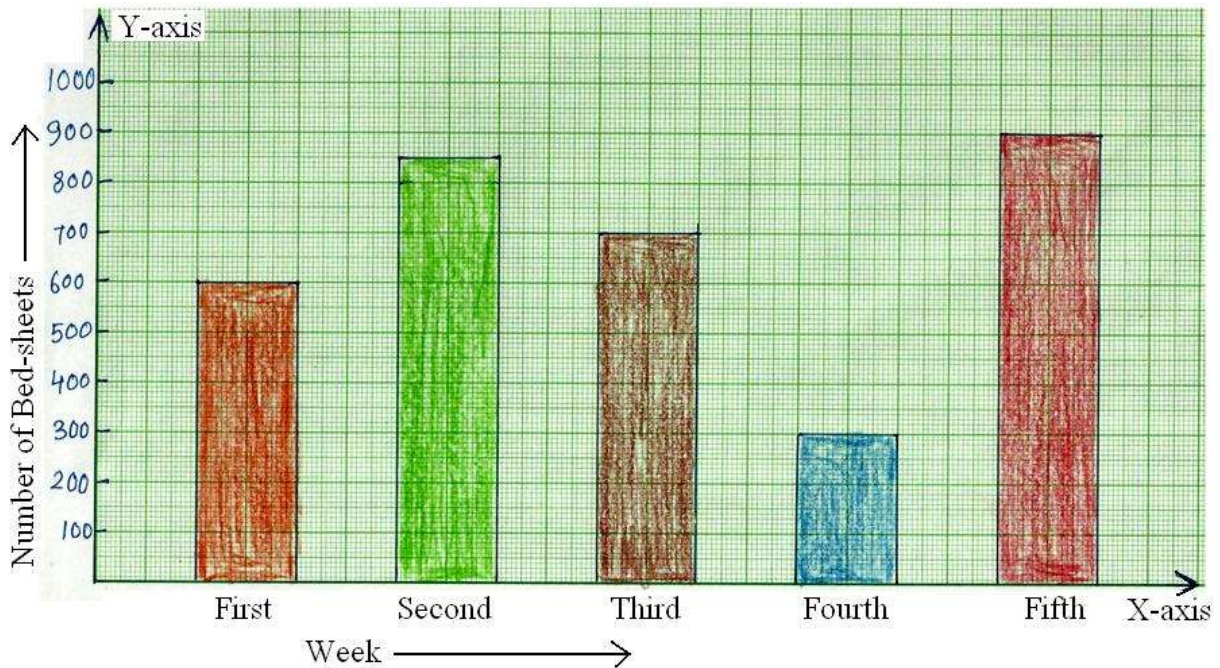
9. Observe the given figure and answer the following:

- a radius
- a diameter
- a chord



### SECTION-E

10. Observe the following bar graph carefully and answer the following questions:  
Bed sheets sold by shopkeeper in five weeks:



- In which week, maximum bed sheets were sold?
- In which week, minimum bed sheets were sold?
- How many bed sheets were sold in first and third week altogether?
- How many bed sheets were sold in fifth week?
- What is given on vertical scale of bar graph?