



**BURARI PUBLIC SCHOOL**  
...a venture with **UNIQUE**  
**PERIODIC ASSIGNMENT-IV (2025-26)**

**CLASS - V**  
**SUBJECT- MATHEMATICS**

**Date \_\_\_\_\_**

**M.M. - 20**

**Name: ..... Roll No:..... T. Sign: .....**

**General Instructions**

- All questions are compulsory.
- This question paper is divided into three sections: A, B, and C.
- Section A - Q1 - Multiple choice questions,
- Section B – Q2 – Q7
- Section C – Q8 - Assertion and Reason  
Q9 - Case study.

**SECTION – A**

**Q1. Multiple choice questions:**

**(4× 0.5= 2 marks)**

**A. 100 milligrams is equal to:**

- a) 1dag      b) 1dg      c) 1g      d) 1kg

**B. How many tally marks can form one group?**

- a) 3      b) 4      c) 5      d) 10

**C. The information collected to make a graph is called:**

- a) data      b) collection      c) reasoning      d) analysis

**D. What is the shape of a pie chart?**

- a) rectangle      b) square      c) circle      d) hexagon

**SECTION – B**

**Q2. a) Which is more – 1 kilogram or 1 decigram?**

**(2 marks)**

b) Neha writes a group of five as |||| and Sneha writes a group of five as |||||.

Who is correct?

**Q3.** Convert the following metric measures:

**(2 marks)**

- a) 328 g into dg
- b) 615 dag into kg

**Q4.** Rohit has a 3 m 45 cm long rope. If he cut 1 m 21 cm of it, what length of the rope is left?

**(2 marks)**

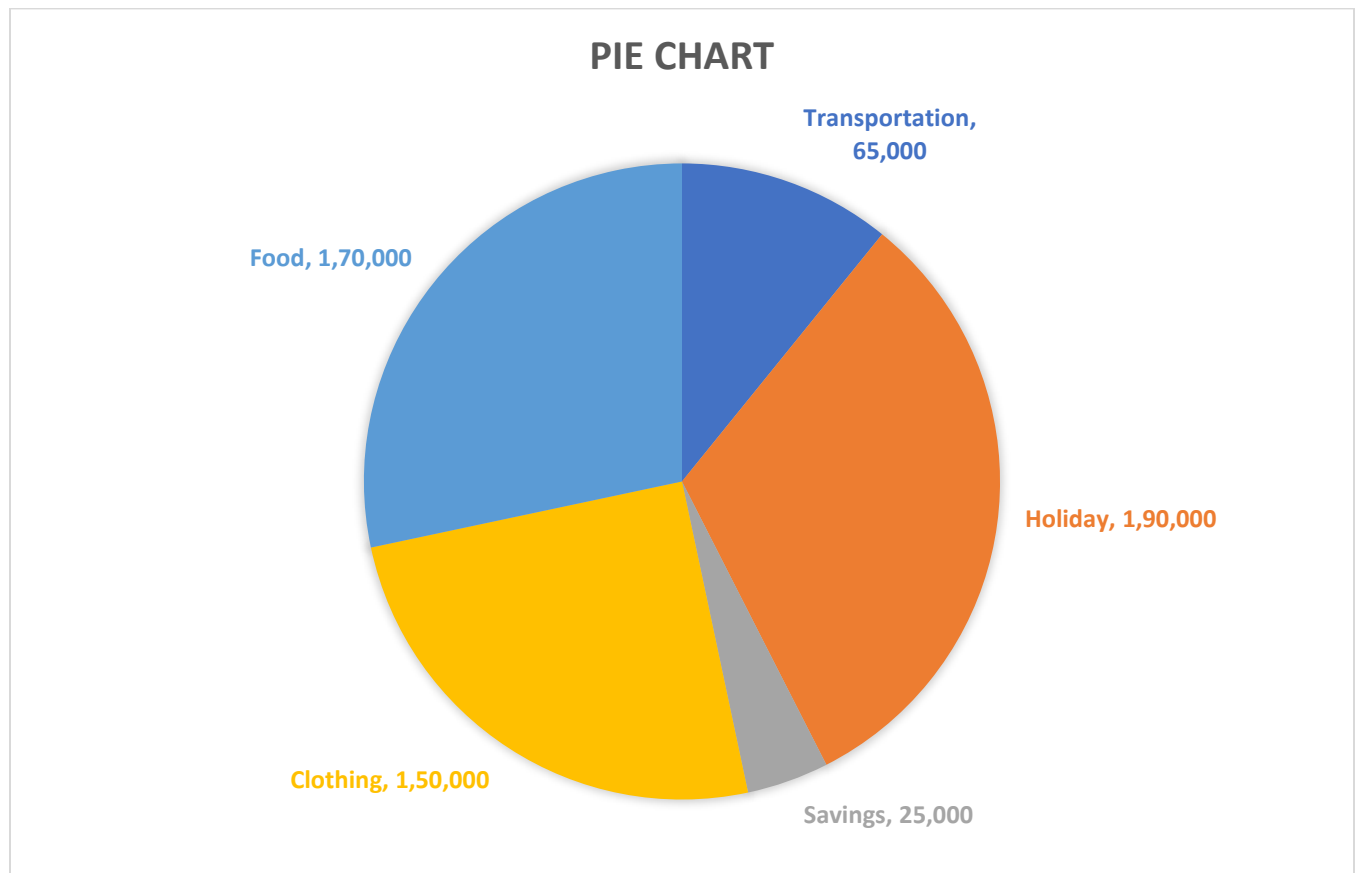
**Q5.** Priya has a cake which weights 5 kg 275 g. She wants to divide it into 5 equal pieces. What will be the weight of 1 piece?

**(2 marks)**

**Q6.** The chart given below shows the yearly expense of Tanya. Saving money is a challenge for her. The yearly income of Tanya is ₹6,00,000.

**(2 marks)**

Answer the following questions looking at the pie chart:



1. On which item does Tanya spend the most money?
2. What is the total amount that she spends on holiday and transportation?

3. On which item does Tanya spend the least amount?

4. Does Tanya spend more on savings or food?

**Q7.** Raman's mother bought 4 different types of plants to give to their relatives on the occasion of Christmas. Prepare a pie chart for the following data: **(3 marks)**

Plant name	Snake plant	Succulent	Peace lily	Jade plant
Quantity	8	2	2	4

### SECTION – C

**Q8. Assertion and reason:** **(2 marks)**

In each of the following questions, an Assertion (A) and a corresponding Reason (R) supporting it is given.

Study both the statements and state which of the following is correct:

- (a) Both A and R are true and R is the correct explanation of A.
- (b) Both A and R are true and R is not the correct explanation of A.
- (c) A is true, but R is false.
- (d) A is false, but R is true.

**1. Assertion (A):** We use a litre to measure milk.

**Reason (R):** Litre is a unit used to measure capacity.

**2. Assertion (A):** Data handling helps us to organize information.

**Reason (R):** Organized data is difficult to understand.

**Q9. Case study** **(3 marks)**

Our school decided to make a small vegetable garden behind the building of school. The students of Class V were asked to help their teacher to measure different things needed for the garden.

The length of the garden is 12 metres and the width is 8 metres.

Hardik brought a watering can that can hold 5 litres of water.

The school gardener used 3 kg of seeds to plant vegetables.

A rope of 150 cm was used to mark straight lines in the garden.

**On the basis of above details answer the following:**

- 1. What is the unit used to measure the length of the garden?
- 2. How much water (in litres) will be needed to fill 2 watering cans?
- 3. Convert the length of the rope into metres.