

**SATISH CHANDRA MEMORIAL SCHOOL**  
**CLASS TEST-I (CASE STUDY) (2026-27)**  
**CLASS IV**  
**MATHEMATICS**

**Time Allowed: 40 Mins**

**Maximum Marks: 14**

**Name:** \_\_\_\_\_

**Section:** \_\_\_\_\_

**Roll No.** \_\_\_\_\_

General Instruction:

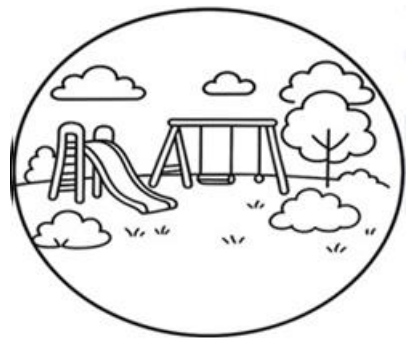
- This paper has 2 case based integrated units of assessment with sub- parts.
- All Questions are compulsory. Show calculation wherever required.

**Case Study: I (2+2+2+1)**

**Answer the following questions based on the picture given below:**

**The park given in the picture is in front of Rohan's house. The circumference of the park is 500m.**

- 1) If diameter of the park is 100m. Calculate half of it.



- 2) If Rohan runs four times around the park, calculate the distance covered in km?

- 3) If Rohan covers 3km around the park, how many rounds did he make?

- 4) State True /False: All Chords are diameters. \_\_\_\_\_

**Case Study: II (2+2+2+1)**

Answer the following questions based on the grocery bill given below:

- 1) Calculate the cost of 5kg Rice.

- 2) Calculate the cost of half litre mustard oil.

- 3) Calculate the total cost of 3kg salt and 5 packets of biscuits.

- 4) Five ₹ 20 notes and two ₹50 notes will add up to how much money?

| GREEN MART SUPERMARKET |                    |              |          |                   |
|------------------------|--------------------|--------------|----------|-------------------|
| Date : 18 May 2025     |                    |              |          |                   |
| Sl. No.                | Item               | Make / Brand | Quantity | Cost per item (₹) |
| 1                      | Rice               | Fortune      | 5 kg     | 75 per kg         |
| 2                      | Wheat Flour (Atta) | Aashirvaad   | 5 kg     | 60 per kg         |
| 3                      | Toor Dal           | Tata Sampann | 1 kg     | 160 per kg        |
| 4                      | Mustard Oil        | Fortune      | 1 L      | 180 per L         |
| 5                      | Sugar              | Madhur       | 1 kg     | 50 per kg         |
| 6                      | Milk               | Amul         | 2 L      | 68 per L          |
| 7                      | Tea                | Tata Tea     | 500 g    | 280 per pack      |
| 8                      | Salt               | Tata Salt    | 1 kg     | 30 per kg         |
| 9                      | Biscuits           | Parle-G      | 5 packs  | 10 per pack       |
| 10                     | Toothpaste         | Colgate      | 1 piece  | 90 per piece      |
| Sub Total              |                    |              |          |                   |