

KENDRIYA VIDYALAYA SANGATHAN
REGIONAL OFFICE
HYDERABAD
SUBJECT: MATHEMATICS
CLASS: V

MODEL PAPER
SET - 13

SESSION ENDING EXAM (Term-2)

MAX. MARKS :40 M

TIME : 90 MINUTES

COMPETENCY	KNOWLEDGE (10)	UNDERSTANDING (10)	ABILITY TO COMPUTE (10)	PROBLEM SOLVING ABILITY (10)	TOTAL (40)
SECURED MARKS					

KNOWLEDGE BASED (10)

1. A movie starts at 6:40 p.m. and ends at 8:05 p.m. How long is the movie? 1 M

- A. 1 hour 25 minutes
C. 1 hour 30 minutes
- B. 1 hour 20 minutes
D. 2 hours

2. Which shape has only one line of symmetry? 1 M

- A. Square
C. Equilateral triangle
- B. Rectangle
D. Isosceles triangle

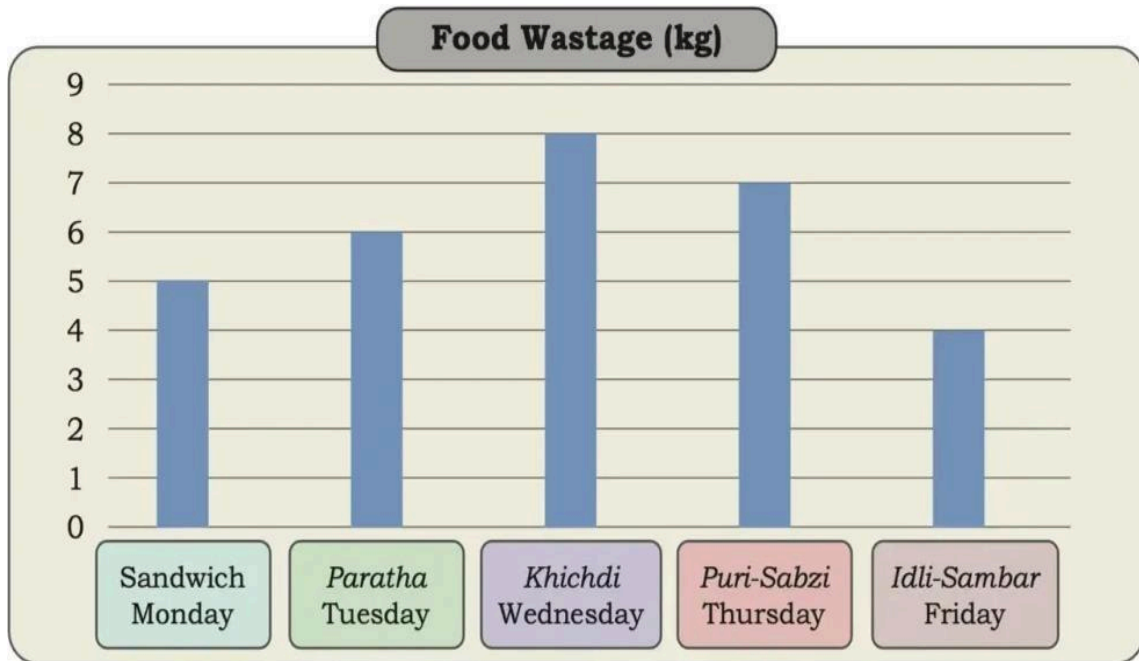
3. Find the common factors of the following pairs of numbers: 2M

1. 12 and 16

2. 6 and 27

4. Jyoti went to play at 6:15 PM. She came back after 1 hour 45 minutes. At what time did she reach home? 2M

5. Given below is the data collection over the weekdays for different food items 4M



Rani was shocked to see the data. What do you think about food wastage? How can we reduce the wastage of food? What can we do with the leftover food?

Observe the above graph and answer the following questions:

1. Which food item had the highest amount of wastage? _____
2. Which food items had the least amount of wastage? _____
3. How much total food wastage was recorded I these days? _____
4. _____ day had less food wastage than _____ day.

UNDERSTANDING BASED (10)

1. The capacity of a water bottle is best measured in: 1M
A. Litres
B. Millilitres
C. Kilograms
D. Cubic metres
2. A farmer buys 3.5 kg of tomatoes and 750 g of chillies. What is the total weight? 1M
A. 4 kg
B. 4.25 kg
C. 5.25 kg
D. 3.75 kg

3. Solve the following and identify the remainder, if any. Check whether $N = D \times Q + R$:

1. $9,045 \div 5$

2. $170 \div 17$

2M

4. Solve the following using different methods of multiplication:

2M

1. 123×84

2. 69×45

5. A bottle of milk is poured equally into 8 glasses, leaving 120 ml of milk in the bottle: 4 M

A. If each glass has a capacity of 360 ml, what is the total capacity of 8 glasses??

B. How much milk was there in the bottle initially?

C. If 1 L of milk costs Rs 40 , how much will 3 l milk cost?

ABILITY TO COMPUTE (10)

1. 2 hours 15 minutes = how many minutes? 1M

A. 120

B. 150

C. 135

D. 145

2. Which shape has 4 lines of symmetry? 1M

A. Rectangle

B. Square

C. Triangle

D. Circle

3. Solve the following: 2M

1. $20999 + 73888$

2. $50,050 + 55,000$

4. Solve the following: 2M

1. $7,777 - 4,449$

2. $878 - 52$

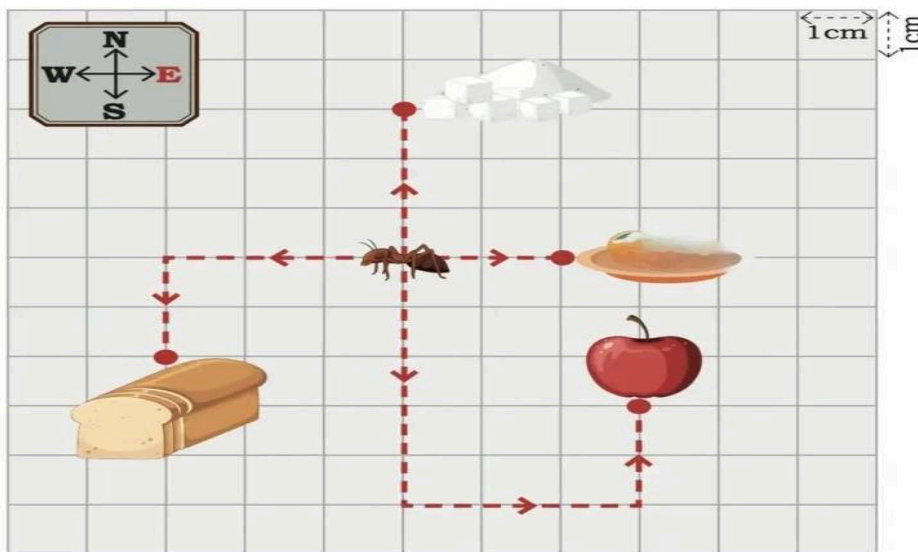
5. Ambrish saved Rs 92,375 over a year to buy cows and goats. He buys a cow for Rs 26,000 and a goat for Rs 17,000. He also buys a milking machine for Rs 19,873. Does he have enough money to buy these? How much more or less does he have than he needs?
4M

PROBLEM SOLVING ABILITY (10)

1. 5000 kg = _____ Quintals 1M
2. A butterfly has symmetry because: 1M
- A. Its wings are colourful
C. It has large wings
- B. Both sides are mirror images
D. It flies in the air
3. Find the 5 common multiples of the following pairs of numbers: 2M
1. 8 and 12
2. 9 and 12

4. Naina bought 5 kg of ice cream as a birthday treat for her 23 friends. 400 g of ice cream was left after everyone had an equal share. How much ice-cream did each of her friend eat?
2M

5. To collect the food, the ant can only crawl along the dotted lines on the grid. The arrows show the direction in which the ant can move:-



Fill in the blanks with the distance and directions in which the ant must move from its starting position:

1. To get to the laddoos, the ant has to crawl _____ cm towards the east.
2. To get to the sugar, the ant has to crawl ____ cm in the _____ direction.
3. To get to bread, the ant has to crawl ____ cm in the _____ direction; then ____ cm in the _____ direction.

