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REGIONAL OFFICE
HYDERABAD

MODEL PAPER
SET - 6

SUBJECT: MATHEMATICS

CLASS: V

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 (10)

VSA (1X2=2M)

1. Child takes 20 seconds to read a sentence. How many sentences can he read in 7 minutes?

Ans: _____

2. If you are facing the rising sun, which direction is behind you?

Ans: _____

SA (2X2=4M)

1. The children in a class are playing a game in which the teacher tells them the direction in which they should rotate. Complete the table by filling the direction the children will face on completing the given turns.

Starting Direction	Turns	Ending Direction
North	5 right angles, clockwise	
South	Two right angles, anti-clockwise	
South	3 right angles clockwise, $\frac{1}{2}$ right angle clockwise, $\frac{1}{2}$ right angle clockwise	
West	1 right angle clockwise, four 2 right angles anti-clockwise	

2. Which Shape Am I?

Read the statement and tell what the shape is? Draw also.

S no	Statement	Shape
1.	Two pairs of sides are equal, but they do not make a right angle.	
2.	All my sides make right angles with each other and are equal.	
3.	My opposite angles are equal and so are my sides.	
4.	All my angles are right angles, but all my sides are not equal.	

LA (4x1=4M)

1. A farmer packs fodder in bundles. Each bundle contains 28 kg of fodder. He prepares 36 bundles in a day. Use any two multiplication strategies (**doubling-halving/ nearest multiple/ place value method**) to find the total amount of fodder prepared in a day. Explain each step clearly.

Method-1	Method-2
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UNDERSTANDING (10)

VSA (1X2=2M)

1. If $A + 1385 = 2759$, what should be subtracted from **2759** to get **A** ?

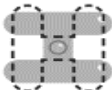
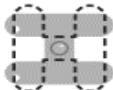
Ans: _____

2. The sum of three consecutive numbers is 99. Without adding directly, which number must be the middle number?

Ans: _____

SA (2x2=4M)

1. Draw or identify how the shape looks after each turn. Then, in the last column, state whether the shape has rotational symmetry.

Original letter	$\frac{1}{4}$ turn	$\frac{1}{2}$ turn	$\frac{3}{4}$ turn	Full turn	Rotational symmetry (Yes/No)
					Yes, at $\frac{1}{2}$ turn
					
					

2. Answer the following question-

(i) Locate the animal at the following Position on the map.

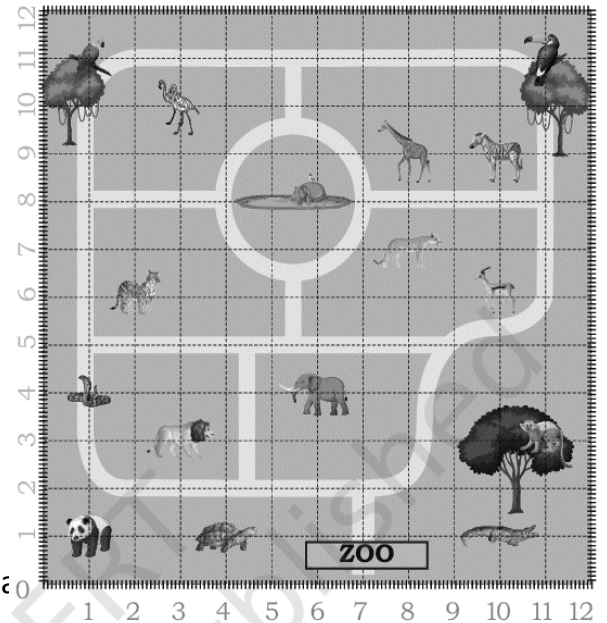
(a) (3,10) _____

(b) (10,9) _____

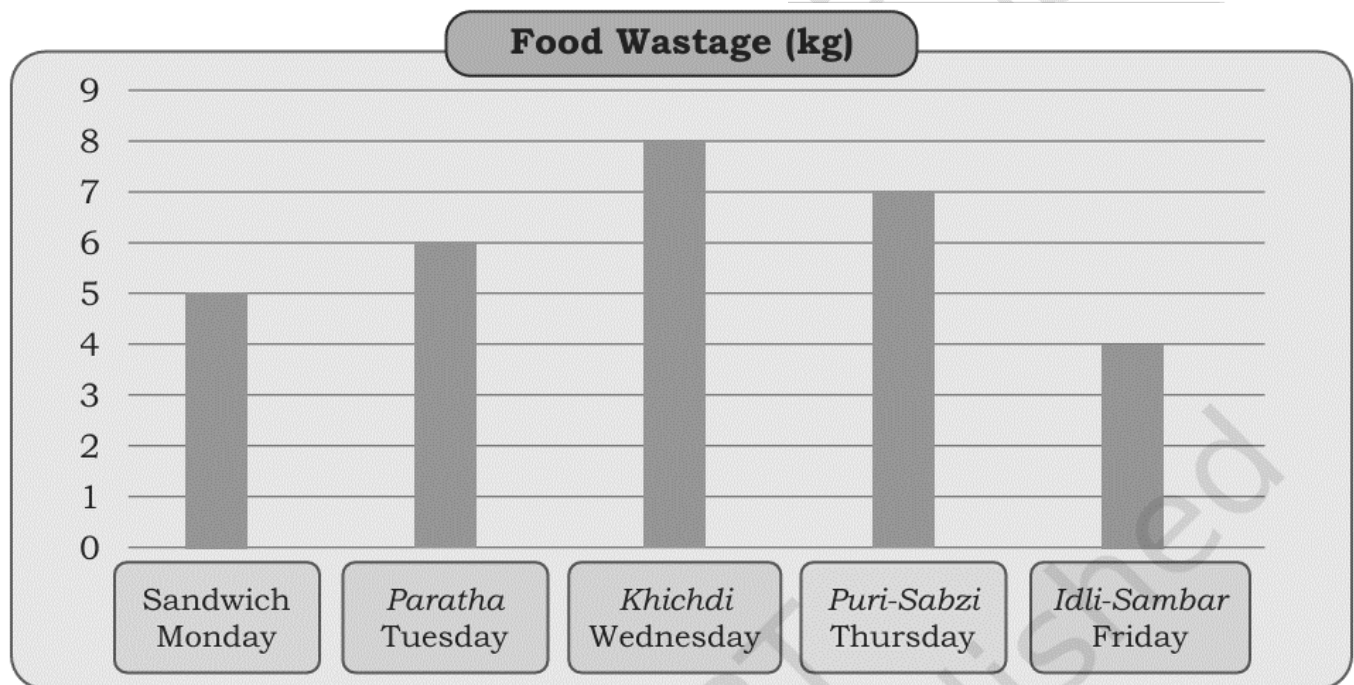
(ii) Write the position of the following animals on the map.

(a) Lion _____

(b) Crocodile _____



1. Given below is the data collected over the week:



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.

i. Which food item had the highest amount of wastage? _____

ii. Which food item had the least amount of wastage? _____

iii. How much total food wastage was recorded in these days? _____

iv. If 1 kg of food waste can feed 3 children, how many children could have been fed with the total food wasted? _____

v. _____ day had less food wastage than _____ day.

ABILITY TO COMPUTE (10)

VSA (1X2=2M)

1. Fill the blank appropriately.

(i) 514 mm = _____ cm _____ mm

(ii) 12548 m = _____ km _____ mm

2. If 1 L of milk costs Rs 52, how much will 5.5 L milk cost? _____

SA (2X2=4M)

1. Do as instructed.

(i) 4 hours 15 minutes = _____ minutes

(ii) 390 minutes = _____ hours _____ minutes

(iii) 1000 seconds = _____ min _____ seconds

(iv) 15 minutes = _____ seconds

2. Sher Khan, the tiger, goes hunting every 3rd day. Bagheera, the panther, goes hunting every 5th day. If both of them start on the same day, on which days will they be hunting together?

Ans:

LA (4X1=4M)

1. Mountain climbing

Priyanka Mohite is the first Indian woman to climb five Himalayan peaks above 8,000 metres. In

addition to that, she has also climbed mountain peaks in other parts of the world. Read the table below and answer the questions that follow.

(a) Which is the highest peak she climbed?

Ans: _____

(b) What is the difference in height between the highest and lowest peaks she has climbed, as per the table.

Ans: _____

(c) What is the difference between heights of Mount Elbrus and Mount Kancher

Ans: _____

(d) If Priyanka was 20 years old when she summited Mount Everest in 2013, in which year was she born?

Ans: _____

Mountain Range	Height (in metres)	Climbed in the Year
Mount Kanchenjunga (India and Nepal border)	8,586	2022
Mount Everest (Nepal–China border)	8,848	2013
Mount Makalu (China–Nepal border)	8,485	2019
Mount Lhotse (Tibet–Nepal border)	8,516	2018
Mount Kilimanjaro (Africa)	5,895	2016
Mount Elbrus (Russia)	5,642	2017
Mount Annapurna I (Nepal)	8,091	2021

PROBLEM SOLVING (10)

VSA (1X2=2M)

1. Fill the table with correct answer.

Length of rope	Number of ropes needed to make 1 km
1,000 m	1
100 m	
10 m	
200 m	
500 m	

2. 4 kg 500 g of sand is used from a sack weighing 10 kg. How much sand is left in the sack?

Ans: _____

SA (2X2=4M)

1. Anita is making an embroidery on the border of a sari. She needs a 1 m long thread to embroider a 50 cm sari. How much thread would she need for a 5 m sari border? A 1 m long thread costs ₹50. How much money will be needed to buy the thread?

Ans:

2. A theatre company can accommodate 45 people during one show.
- (a) A total of 475 people bought tickets for a puppet show. How many shows are needed to seat all the people who bought tickets?
- (b) There are 2 shows in a day. How many days will be needed to accommodate all the people?

LA (4X1=4M)

1. A big rectangle is given whose length is 320 m and breadth is 150 m. At all four corners of this rectangle, there are four small squares, each having a side length of 30 cm.

(i) Find the perimeter and area of the square and rectangle.

	Perimeter	Area
Square		

Rectangle		
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- (ii) After removing the four squares from the rectangle, find the area and perimeter of the remaining shape.

Perimeter	Area

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