

KENDRIYA VIDYALAYA SANGATHAN
REGIONAL OFFICE
HYDERABAD
SUBJECT: MATHEMATICS
CLASS: V
SESSION ENDING EXAM (Term-2)

MODEL PAPER
SET - 8

MAX. MARKS :40 M

TIME : 90 MINUTES

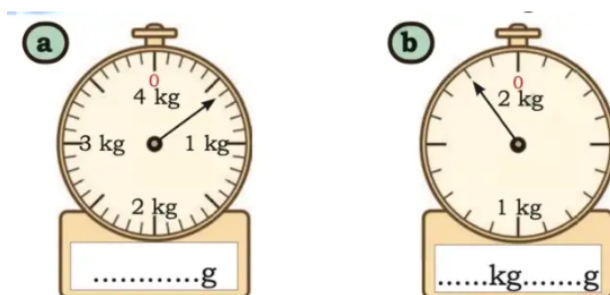
COMPETENCY	KNOWLEDGE (10)	UNDERSTANDING (10)	ABILITY TO COMPUTE (10)	PROBLEM SOLVING ABILITY (10)	TOTAL (40)
SECURED MARKS					

KNOWLEDGE (10 MARKS)

I). Answer the following questions:

(VSA 4x1= 4 marks)

Q1). Write the correct weight in the space after reading the scales.



Q2). Fill in the blanks:

- a). Sum of 2 Consecutive numbers is always _____ (Odd/Even).
 b). Sum of 4 Consecutive numbers is always _____ (Odd/Even).

Q3). Tick the problems that have the same answer as the one given at the top of each box.

a).

b).

55×9		
50×9 and 5×9	54×10	$55 \times 10 - 55$

101×42	
100×42 and 100	100×42 and 42

Q4). Write the subtraction and addition sentences that

follow from the given sentence.

a). If $872 - 672 = 200$, then,

II). Answer the following questions:

(SA 1x2= 2 marks)

Q5). In a 3×3 grid, arrange the numbers 1 to 9 in such a way that A grid has numbers in an increasing (inc) order and B grid has numbers in decreasing (dec) order. Each number should be used only once.

			inc
			inc
			inc
inc	inc	inc	

			dec
			dec
			dec
dec	dec	dec	

III). Answer the following questions:

(LA 1x4= 4 marks)

Q6). Observe the letters below. Do they look the same when turned? Complete the given table.

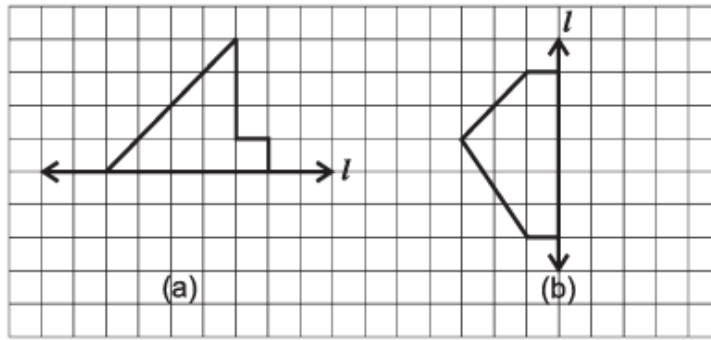
Original Letter	$\frac{1}{4}$ turn	$\frac{1}{2}$ turn	$\frac{3}{4}$ turn	Full turn	Rotational Symmetry (Yes/No)
H					
I					
X					
Y					

UNDERSTANDING (10 MARKS)

I). Answer the following questions:

(VSA 4x1= 4 marks)

Q1). In the following figures, l is the line of symmetry. Complete the diagram to make it symmetric.



Q2). Solve the following by using Doubling and Halving strategy:

$38 \times 5 =$ Half Double ×	$14 \times 3 =$ Half Double ×
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Q3). Find 2 numbers among 5,205, 6,220, 7,095, 8,455 and 4,840 whose sum is closest to the following.

a). $10,000 =$ _____ b). $16,000 =$ _____

Q4). Write all Palindrome Numbers between 100 and 200.

Sol. _____

II). Answer the following questions:

(SA $1 \times 2 = 2$ marks)

Q5). Manpreet's family planned a picnic over the weekend. Her mother and father packed different food items to take along. The following is the list of fruits they carried.



Among the fruits they carried, which one has the

(a). Highest weight? _____

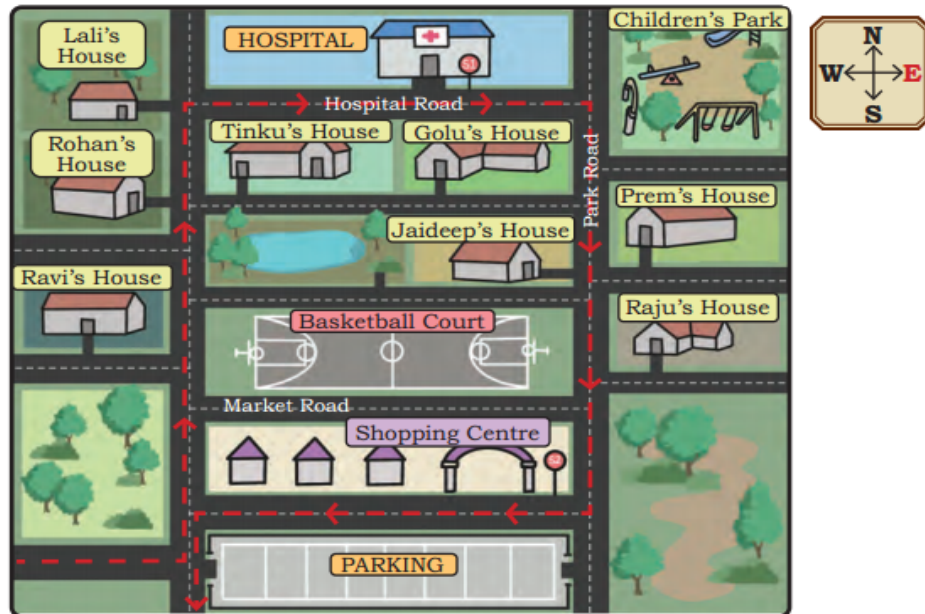
(b). Least weight? _____

(c). Arrange the items in descending order of their weight.

III). Answer the following questions:

(LA $1 \times 4 = 4$ marks)

Q6). Observe the following bus route and then answer.



- The bus will start from the parking area. It will go to North and then it will take a right turn onto _____ Road driving in the _____ direction to reach Stop 1 (S1).
- What is closer to Lali's house – Children's Park or Hospital?

- In which direction would Prem have to move to reach Shopping Centre?

- Whose houses are situated to the east of Jaideep's house?

ABILITY TO COMPUTE (10 MARKS)

I). Answer the following questions:

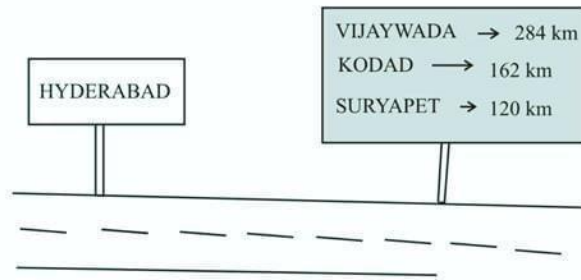
(VSA 6x1= 6 marks)

Q1). Solve the following problem (Expanded form).

a). 52×18

$\times$		

Q2). Ashish is travelling from Hyderabad to Vijayawada. He saw this board on the highway road while starting. Which distance is more - **Suryapet to Kodad** or **Kodad to Vijayawada**?



Sol.

Q3). Convert the given weights.

a). 4,000 kg = _____ quintals = _____ tonne

b). _____ kg = 8 tonnes

Q4). If $99 \times 1000 = 9900$, without multiplication find 99×99 .

Sol.

Q5). Write the time using **a.m. or p.m.**

a). 6:30 in the morning = _____ b). 1 hour after 12 noon = _____

Q6). The distance between two states is 24 cm in the map. If 1 cm = 20 km in the map, what will be the actual distance between two states?

Sol.

II). Answer the following questions:

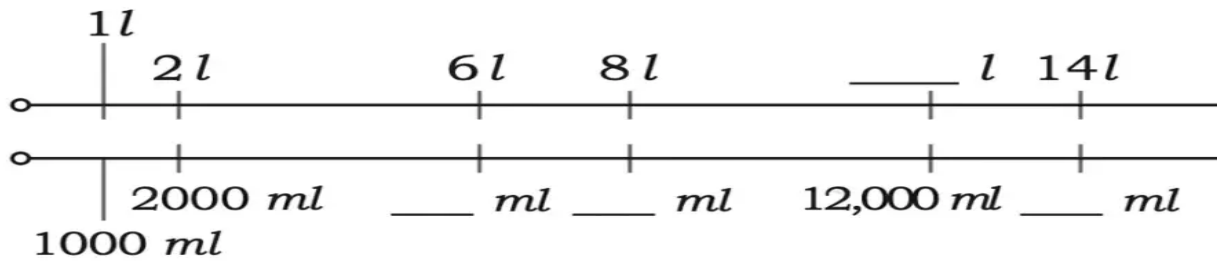
(LA 1x4= 4 marks)

Q7). Khayal chacha delivers fresh cow milk to homes. He delivers the following amounts of milk each week to different families.

a). Calculate the milk delivered and fill in the given table.

Family	Milk Delivered in a Week in <i>l</i>	Quantity in <i>ml</i>
Arora's	8	
Nair's	14	
Shrivastava's		12,000
Das's		20,000
Rao's		25,000

b). Complete this double number line.



c). Convert **2 litre** milk into **ml**? _____

d). How much milk is delivered in Das's home in a week? _____

PROBLEM SOLVING ABILITY (10 MARKS)

I). Answer the following questions:

(VSA 6x1= 6 marks)

Q1). A movie theater has 8 rows of seats, and each row has 12 seats. If half the seats are empty, then how many people are watching the movie?

Sol.

Q2). Suresh is a scrap dealer. How much would he have paid for 16 kg of old newspaper, if he paid ₹ 8 for every 1 kg of newspaper?

Sol.

Q3). How many days are there from 16th March to 12th April?

Sol.

Q4). A juice vendor has a **5 litre** container of orange juice. Each glass has a capacity **250 ml**. How many full Glasses can he serve before the container becomes empty?

Sol.

Q5). Neela is watching Republic Day celebrations on city's public ground. There are 18 students to her right and 32 students to her left. How many students are there in Neela's row?

Sol.

Q6). Rani started her Karate practice at 5:40 a.m. and stopped it at 7:10 a.m. How long did she practice?

Sol.

III). Answer the following questions:

(LA 1x4= 4 marks)

Q7). In a kingdom, the king donates wheat grains equal to **10 times his weight** on his birthday.

a). If he donates **850 kg of wheat grain** this birthday, what is his **current weight**?

Sol.

b). Convert his current weight from **Kg** to **grams** and **milligrams**.

Sol.

c). If he had donated **780 kg of wheat grain** on his last birthday, what was his weight last year?

Sol.

d). How much weight did he gain in a year until this birthday?

Sol.