

**KENDRIYA VIDYALAYA SANGATHAN  
GURUGRAM REGION  
TERM END EXAMINATION (2020- 21)  
MATHEMATICS (Sample Paper)  
CLASS: IV**

Name of the student..... Roll No.....

Class & Sec ..... Date.....

Signature of the invigilator..... Signature of examiner.....

<b>COMPETENCIES</b>	<b>VALUE POINTS</b>	<b>VALUE POINTS OBTAINED</b>	<b>GRADES OBTAINED</b>
<i>Knowledge ( oral )</i>	<b>15</b>		
<i>Understanding ( M.C.Q. )</i>	<b>10</b>		
<i>Ability to compute</i>	<b>5</b>		
<i>Problem solving ability</i>	<b>10</b>		
<b>Total</b>	<b>40</b>		

**Oral questions**

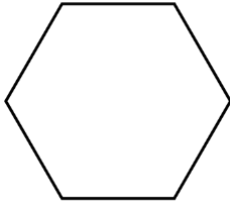
**KNOWLEDGE (15)**

1. 1 kg = \_\_\_\_\_ g. **(1)**
2. Half is written as:  $\frac{1}{2}$  /  $\frac{1}{4}$  ? **(1)**
3. Shape of a pie chart is: square/ circle/ rectangle? **(1)**
4. 1m = \_\_\_\_\_ cm **(1)**
5. Tell the formula to calculate perimeter of a square. **(1)**
6. 1 L = \_\_\_\_\_ mL **(1)**
7. What is the formula to calculate area of a rectangle? **(1)**
8.  $96 \div 8 =$  \_\_\_\_\_. **(1)**
9. Five notes of rupees 20 = \_\_\_\_\_ rupees. **(1)**
10.  $15 \times 8 =$  \_\_\_\_\_. **(1)**
11. Which is heavier? **(2)**
  - a) 75 kg or 7500 g?
  - b) 4000 g or 40 kg?

12. Which is longer? (2)

- a) 150 m or 5 km
- b) 800 mm or 8 m?

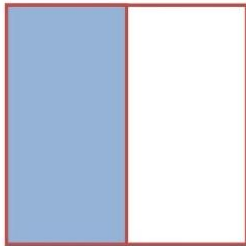
13. How will you divide the given figure in quarters? (1)



### Multiple Choice Questions

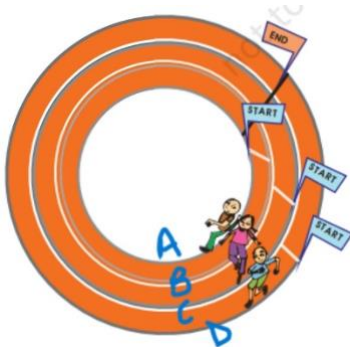
#### UNDERSTANDING (1×10=10)

1. What part of the following figure is shaded?



- a)  $\frac{1}{2}$
- b)  $\frac{1}{4}$
- c) None of the above

2. Which of the following has a larger perimeter?



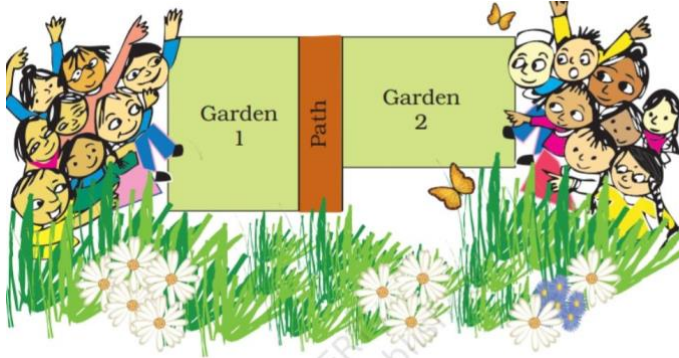
- a) A
- b) B
- c) C
- d) D

3. We can measure a soap in \_\_\_\_\_.

- a) g
- b) mg

c) kg

4. Which of these rectangle is bigger?



- a) Garden 2
- b) Garden 1
- c) Both are equal

5. Leela hasn't gone to school for 42 days. She hasn't gone to school for how many weeks?

- a) 7 weeks
- b) 6 weeks
- c) 4 weeks
- d) 5 weeks

6. We can measure the length of a bus in

- a) Kilometers
- b) Centimeters
- c) Meters
- d) Millimeters

7. If 16 laddoos can be packed in a box, how many boxes are required to pack 64 laddoos?

- a) 4
- b) 5
- c) 6
- d) 3

8. Quarter of a litre =

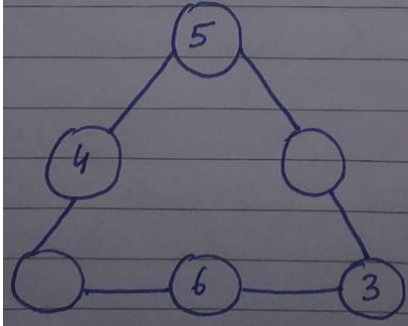
- a) 500 mL
- b) 750 mL
- c) 300 mL
- d) 250 mL

9. Units to measure area of a square is

- a) m
- b)  $m^2$

- c)  $m^3$
- d) none of the above.

10. Fill in the magic Triangle: ( use numbers 1-6, sum of each line should be equal to 10)

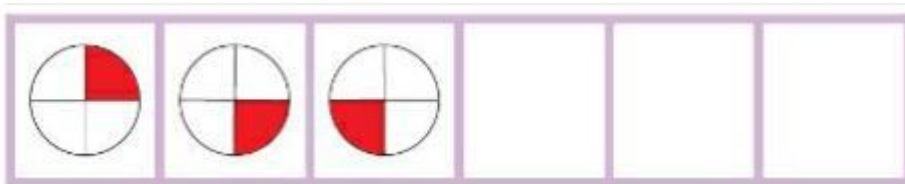


- a) 1, 2
- b) 2,3
- c) 4, 5
- d) 3, 4

### Descriptive questions

#### ABILITY TO COMPUTE ( $1 \times 5 = 5$ )

1. If there are 32 legs, then how many cats are there?
2.  $\frac{1}{2} + \frac{1}{2} = \underline{\hspace{2cm}}$ .
3.  $\underline{\hspace{2cm}} \div 15 = 6$
4. Find the perimeter of a square with side 5m.
5. Draw what comes next



#### PROBLEM SOLVING ABILITY (10)

1. If Divya want change of Rs. 1000 in the form of Rs. 20 notes, how many notes will she get? (1)
2. Calculate area of a square with side = 7 m. (1)
3. How much heavier is a book of 1kg from a glass of 350 g? (1)
4. If  $NZ = MY$ , then  $SR = \underline{\hspace{2cm}}$ . (1)

5. If cost of 1 watermelon is Rs. 50, then what will be the cost of half watermelon? (2)
6. Find the breadth of a rectangle if its length is 4m and perimeter is 20m. (2)
7. Fill in the number tower. (2)

