

AMRITA VIDYALAYAM

ANNUAL EXAMINATION 2018 - '19

Class : V

Marks : 50

Time : 2 hrs

MATHEMATICS

KNOWLEDGE

I. Fill in the blanks. 10

1. The total length of a boundary of a closed figure is called _____.
2. $cp + \text{profit} = \text{_____}$.
3. The boiling point of water is _____.
4. Radius of a circle is 3 cm. Its diameter is _____.
5. The four sided polygon is called _____.
6. Area of rectangle = _____ \times breadth.
7. A leap year has _____ days.
8. If $CP > SP$, there is _____.
9. Volume of a cuboid is $l \times b \times \text{_____}$.
10. The representation of data using bars is called _____.

UNDERSTANDING

II. Write true or false. 5

1. The boundary of a circle is called chord.
2. $SP - CP = \text{Profit}$.
3. Rectangle's all sides are equal.
4. One month has 4 complete weeks.
5. A cubic centimeter is one of the units of volume.

III. Match the following. 5

- | | |
|-------------------------|----------------|
| 1. Isosceles triangle | cm^2 |
| 2. Scalene triangle | 3 equal sides |
| 3. Unit of area | cm |
| 4. Equilateral triangle | no equal sides |
| 5. Unit of perimeter | 2 equal side |

IV. Answer the following.**5**

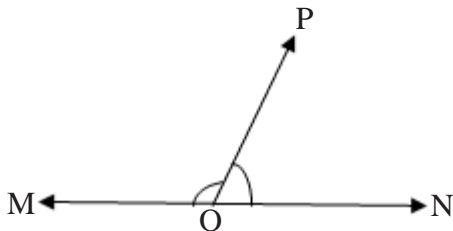
1. A dozen bananas cost ₹ 72. What will be the cost of 15 bananas?
2. Find the perimeter of a rectangle whose length is 20 cm and breadth is 10 cm.

APPLICATION

- V.1.** Bhanu walks daily around a square park. If the distance walked around the park is 480 m, what is the measure of each side of the park? Which value is depicted here? **2½**
2. By selling a refrigerator for ₹ 6,875, Indu lost ₹ 275. Find the cost of refrigerator. **2½**

SKILL

- VI.1.** Find the selling price. **2**
- a) CP = ₹ 21,786; Loss = ₹ 2,947.
- b) CP = ₹ 15,448; Profit = ₹ 1,259.
2. Name the angles. **2**



3. Find the volume of a cube whose one side is 5 cm. **2**
4. Draw a circle of radius 2.5 cm with centre O and the longest chord AC. **3**
5. Find the volume of air in a room 12 m long, 8 m wide and 10 m high. **2**
6. Find. **4**
- a) 3 years 8 months + 2 years 5 months.
- b) 8 hours 20 minutes - 3 hours 10 minutes.

7. A survey was conducted to find out the favourite fruits among students of a classroom. The result of the survey is shown in the table below. Draw a bargraph to represent this data. 5

Fruits	No of students
Banana	8
Watermelon	6
Pineapple	10
Grapes	5
Apple	15
Orange	9