AMRITA VIDYALAYAM

ANNUAL EXAMINATION 2019 - 20

Class : V **Marks : 50**

Time : 2 hrs

MATHEMATICS

KNOWLEDGE

I. Fill in the blanks.   **10**

1. An angle is measured by using a _____.
2. A triangle which has all sides of equal length is called _____.
3. The _____ of a closed figure is the length of its boundary.
4. A solid that has six rectangular faces is called a _____.
5. If SP > CP, there is _____.
6 . The normal body temperature of a healthy person is _____.
7. The representation of data using bars is called _____.
8. Two lines that intersect at 90^0 are called _____ lines.
9. The standard unit of measuring area is _____.
10. The amount of space inside an object is called its _____.

UNDERSTANDING

II. Match the following.   **5**

1. boiling point of water 32^0 F
2. volume of a cube   length $\times$ breadth $\times$ height
3. volume of a cuboid   length $\times$ breadth
4. freezing point of water 212^0 F
5. area of a rectangle   side $\times$ side $\times$ side

III. Write true or false.   **5**

1. The opposite angles of a parallelogram are equal.
2. All radii of a circle are of equal length.
3. Length = Area of rectangle $\div$ by breadth.
4. A book is an example for cuboid.
5. The range of temperature in a clinical thermometer is 32^0 C to 40^0 C.

IV. Answer the following.   **5**

1. Shyam bought a table for ₹ 8,580 and paid ₹ 650 as transportation charge. He sold it for ₹ 10,000. Find his profit or loss?
2. What will be the area of a rectangle of length 18m and breadth 12m?

APPLICATION

V.1. A playground 45 m long and 32 m wide needs to be fenced. What will be the cost of fencing at ₹ 50 per metre?   **2½**
2. By selling a refrigerator for ₹ 6,975, Mani lost ₹ 375. Find the cost price of the refrigerator?   **2½**

SKILL

VI.1. Find.   **4**
a) 4 h 50 min 35 sec + 2 h 20 min 40 sec.
b) 11 months 3 weeks 15 days - 5 months 6 weeks 20 days.
2. Draw an angle ABC of measure 60^0.   **2**
3. Draw a circle with centre O, radius 3.5 cm and a chord of length 5 cm.   **3**
4. Find the volume of a cuboid of length 5 cm, breadth 2 cm and height 4 cm?   **2**
5. Find the volume of a box with each side measuring 12 cm?   **2**
6. Find the profit or loss in the following.   **2**
a) CP = ₹ 1,675, SP = ₹ 1,820.
b) CP = ₹ 10,580, SP = ₹ 9,562.
7. The following data gives information about the monthly expenditure of a family.
a) Draw a bar graph to represent the data and answer the following questions.   **3**
b) What is the total income of the family?   **1½**
c) How much money does the family spend on food?   **½**

Household Expenses	Food	Education	Rent	Miscellaneous	Savings
Monthly Expenditure	5000	4000	6500	3000	2000

2 - V Math