

INTERNATIONAL INDIAN SCHOOL, DAMMAM
SUMMATIVE ASSESSMENT – 2 MARCH 2013
MATHEMATICS CLASS – V

Time: 2 Hrs

Name: _____

Marks: Orals: / 10

Roll No: _____

Written: / 50

Section: _____

Total: / 60

INSTRUCTIONS

- A) Read the questions carefully.
- B) Do Part C and Part D in the answer sheet.

PART A

I. **Fill in the blanks:** **($\frac{1}{2} \times 6 = 3$ Marks)**

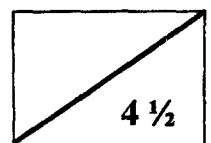
- 1) Unlike decimal fractions which are equal in value, are called _____ decimals.
- 2) 5 tens + 2 ones + 9 hundredths + 7 thousandths = _____ (Write as a decimal)
- 3) When the S.P. is less than the C.P., the businessman incurs a _____.
- 4) If a fraction has 100 as the denominator, then its numerator can be expressed as a _____.
- 5) In $\triangle PQR$, if QR is the base, the vertical angle is _____.
- 6) The volume of a cube of side 3 cm is _____ cu.cm.

II. **Choose the correct answer:** **($\frac{1}{2} \times 8 = 4$ Marks)**

- 1) 0.0041×1000 is equal to _____ [a) 41000 b) 041.0 c) 4.1 d) 0.41]
- 2) If C.P. = ₹ 120 and S.P. = ₹ 160, there is a _____.
[a) Profit of ₹ 40 b) Loss of ₹ 40 c) Profit of ₹ 60 d) Loss of ₹ 20]

3) $\frac{2}{8}$ is equal to _____.

- [a) 80% b) 25% c) 20% d) 75%]



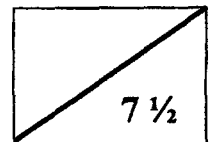
- 4) A triangle in which two of its sides are equal in length is called _____.
- [a) a scalene \triangle b) an equilateral \triangle c) an obtuse \triangle d) an isosceles \triangle]
- 5) If we join any two points on a circle by a line segment, we obtain _____.
- [a) radius b) chord c) circumference d) None of these]
- 6) Which among the following is correct?
- [a) $D = 10$ cm, $r = 20$ cm b) $D = 12$ cm, $r = 21$ cm
c) $D = 8$ cm, $r = 4$ cm d) $r = 8$ cm, $D = 4$ cm]
- 7) Volume of a box with dimensions 3 cm, 4 cm and 5 cm is _____.
- [a) 12 cm b) 17 cu.cm c) 60 cm d) 60 cu.cm]
- 8) _____ $\div 100 = 0.01$
- [a) 10 b) 0.01 c) 1 d) 0.001]

III. Write whether the given statements are True or False: ($\frac{1}{2} \times 5 = 2 \frac{1}{2}$ Marks)

- 1) The product of 0.11×0.8 is 88 hundredths. _____
- 2) Overhead expenses are always added to the selling price. _____
- 3) To convert a fraction into percent, multiply the fraction by hundred. _____
- 4) In an equilateral triangle each angle measures 60° . _____
- 5) If the diameter of a circle is 5 cm, its radius will be 2.5 cm _____

IV. Match the following: ($\frac{1}{2} \times 5 = 2 \frac{1}{2}$ Marks)

- | | |
|------------------|---------------------------------|
| a) Triangle | $l \times b \times h$ cu. unit. |
| b) Cube | 0.42 |
| c) 10 % of 420 | 180° |
| d) Cuboid | 42 |
| e) $42 \div 100$ | $l \times l \times l$ cu. Unit. |



PART B

V. **Do as directed:** (1 x 8 = 8 Marks)

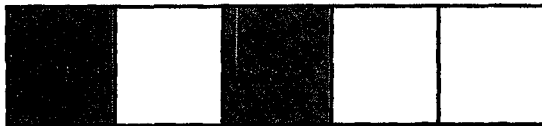
1) Arrange the following decimals in ascending order.

0.606 6.0 0.06 0.6

2) Write the expanded form for 30.902

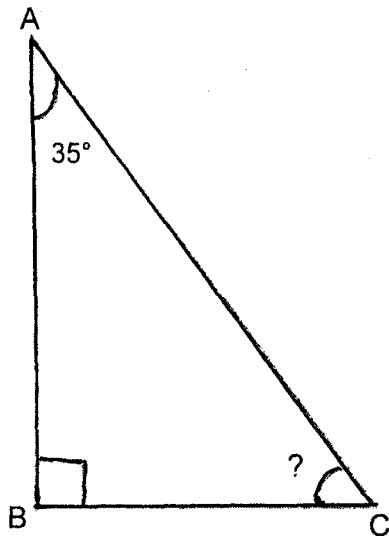
3) C.P. = ₹500 S.P. = ₹ 350 Find the profit or loss.

4) Find the percentage of the portion shaded in the following figure.



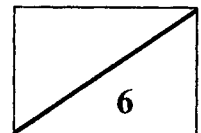
5) Convert 65% into fraction in its lowest form.

6) Using Properties of triangle find the measure of $\angle C$ in $\triangle ABC$

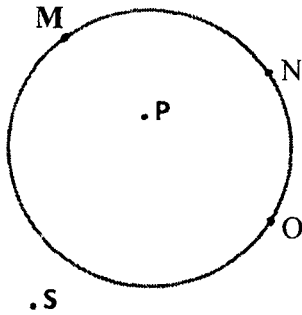


$\angle B =$ _____

$\angle C =$ _____



7) Answer the questions asked for the following figure.



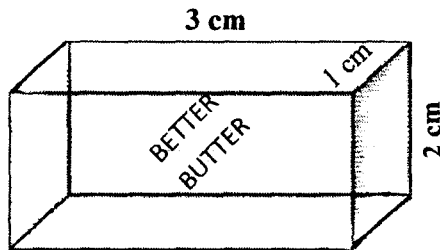
An Arc _____

A Point in the interior of the circle _____

A point in the exterior of the circle _____

A point on the circle _____

8) Find the volume of the box in the figure.

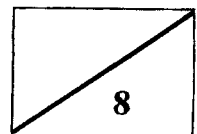


VI. Do the following: (2 x 5 = 10 Marks)

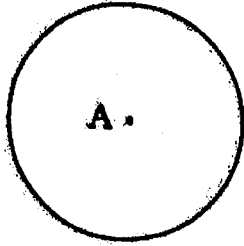
1) Subtract ₹ 73.45 from ₹ 91

2) Rani Scored 90 marks in a test and Riya scored 20% less than Rani. Find the marks scored by Riya.

3) The perimeter of a triangle is 36 cm. Two of its sides are 12 cm and 14 cm. Find the length of its third side.

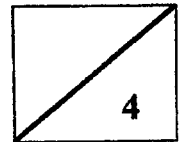


In the following circle, a) Draw the longest chord b) Name the longest chord
 c) Measure and write the length of the longest chord. d) Find the radius.



5) Find the Volume.

	l	b	h	Volume
Cuboid	3 cm	2.2 cm	1.3 cm	
Cube	4 cm	-	-	



PART C

Do in the Answersheet
Each question carries 3 Marks

VII. **Write statements and work out the following: (ANY FOUR) (3 x 4 =12 Marks)**

- 1) Vivek bought a house for ₹ 9, 50,000. He spent 45 thousand rupees for repairing and ₹1,50,000 for repainting. He then sold the house for ₹15, 75,000. Find his profit.
- 2) Which is more? 12% of 50 or 15% of 60
- 3) Is it possible to draw a triangle with the following measures? Write the appropriate property in support of your answer. Sides = 8 cm, 4 cm and 9 cm
- 4) 12 ice cubes of side 5 cm can fit in a box. What is the volume of the box?
- 5) Arrange and add: 213.98 kg, 8.176 kg, 22.7 kg and 0.995 kg

PART D
Do in the Answer sheet
Each question carries 4 Marks

VIII. Answer The following: (ANY TWO) (4 x 2 = 8 Marks)

- 1) a) Divide and find the quotient. $8.925 \div 2.5$ (3 Marks)
b) Find the product. 14.2×0.7 (1 Mark)
- 2) In a class of 40 students 12 have opted for Arabic and 16 opted for Kannada and the rest for Tamil. How many students have opted for Tamil? Also find the percentage of students in each language.
- 3) Diameter of a circle is 12 cm. Find the radius and construct the circle with Centre O. Draw a chord in the circle and name it.