

**INTERNATIONAL INDIAN SCHOOL-DAMMAM**  
**SUMMATIVE ASSESSMENT – II (MARCH -2016)**  
**MATHEMATICS –CLASS-IV**

**Time: 2 hours**

**Name:** \_\_\_\_\_

**Marks: Oral:** \_\_\_\_\_ /10

**Roll no.:** \_\_\_\_\_ **Section :** \_\_\_\_\_

**Written:** \_\_\_\_\_ /50

**Total:** \_\_\_\_\_ /60

**Instructions:**

1. Read the questions carefully.
2. Part –A to be done in the question paper.
3. Part –B and Part-C should be done in the answer sheet.

**PART- A**

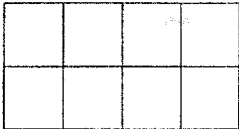
**I. Fill in the blanks:**

( 1/2x 10=5)

1. \_\_\_\_\_ right angles make a straight angle.
2. The fractional part of the mixed fraction  $3\frac{7}{8}$  is \_\_\_\_\_.
3. The longest chord of the circle is the \_\_\_\_\_.
4.  $\longleftrightarrow$  represents the \_\_\_\_\_.
5. The basic unit of measuring an angle is \_\_\_\_\_.
6. Perimeter of the square = \_\_\_\_\_ x side.
7.  $\frac{6}{8} + \underline{\hspace{2cm}} = \frac{1}{8} + \frac{6}{8}$
8. The improper fraction of  $5\frac{2}{8}$  is \_\_\_\_\_.
9.  $\frac{12}{20} = \frac{\underline{\hspace{1cm}}}{5}$
10. The representation of numerical data through pictures is called \_\_\_\_\_.

II. Choose the correct answer:

(1/2x 10=5)

1.  $\frac{3}{6}$  is equivalent to \_\_\_\_\_.
- a.  $\frac{6}{12}$       b.  $\frac{4}{12}$       c.  $\frac{9}{24}$
2.  $\frac{5}{10} + \underline{\hspace{2cm}} + \frac{5}{10} = \frac{12}{10}$
- a.  $\frac{6}{10}$       b.  $\frac{4}{10}$       c.  $\frac{2}{10}$
3. The length of the boundary of the circle is its \_\_\_\_\_.
- a. Radius      b. chord      c. circumference.
4. The line segment has \_\_\_\_\_ end points.
- a. One      b. no      c. two
5. The angle whose measure is  $85^\circ$  is classified as \_\_\_\_\_.
- a. Right      b. acute      c. obtuse
6. The perimeter of an equilateral triangle whose side is 3cm \_\_\_\_\_.
- a. 3cm      b. 9cm      c. 12cm
7.  $\frac{5}{8}$  is \_\_\_\_\_ than  $\frac{5}{6}$ .
- a. Greater      b. less      c. equal
8.  $\frac{36}{15}$  is an \_\_\_\_\_ fraction.
- a. Proper      b. unit      c. improper
9. The lowest term of  $\frac{15}{20}$  is \_\_\_\_\_.
- a.  $\frac{4}{5}$       b.  $\frac{2}{5}$       c.  $\frac{3}{4}$
10. The area of  \_\_\_\_\_.
- a. 5sq.units      b. 8 sq.units      c. 4 sq.units

/5

III. Write true or false:

(1/2x6=3)

1. Like fractions have same numerators. \_\_\_\_\_
2. Zero subtracted from any fraction gives the fraction itself. \_\_\_\_\_
3. The fractional part in the mixed fraction is an improper fraction. \_\_\_\_\_
4. An angle has only one vertex. \_\_\_\_\_
5. Area of the rectangle is 2 x (length + breadth) units. \_\_\_\_\_
6. A line segment which joins any two points on the circumference of the circle is called diameter. \_\_\_\_\_

IV. Match the following:

(1/2x6=3)

- |  |                 |     |
|--|-----------------|-----|
| 1. $\frac{7}{12} \times \frac{12}{7}$  | zero            | ( ) |
| 2. Sum of the lengths of all the sides | ray             | ( ) |
| 3. $\frac{1}{12}$                      | obtuse angle    | ( ) |
| 4. $\frac{4}{9} - \frac{4}{9}$         | perimeter       | ( ) |
| 5. $170^\circ$                         | one             | ( ) |
| 6. extended in one direction           | proper fraction | ( ) |

V. Use the correct sign (>, <, =):

(1/2x 4= 2)

- |                                 |                          |  |
|---------------------------------|--------------------------|--|
| 1. $2\frac{5}{6}$               | <input type="checkbox"/> | $3\frac{4}{6}$                                 |
| 2. Straight angle               | <input type="checkbox"/> | $180^\circ$                                    |
| 3. Diameter                     | <input type="checkbox"/> | radius   |
| 4. Area of square with 1cm side | <input type="checkbox"/> | Area of rectangle with length 2cm and 1cm wide |

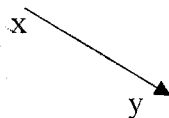
## PART-B

(To be done in the answer sheet)

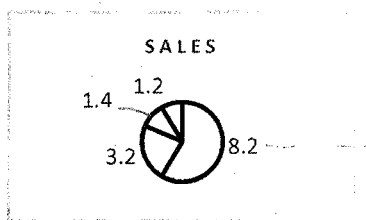
### VI. Do as directed:

(2 x10=20)

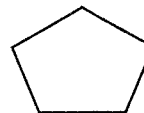
1. Construct a line segment of length 9 cm and name it.
2. Draw an angle and name it. Also name the vertex and the arms of the angle.
3. a) Write the next four equivalent fractions of  $\frac{7}{9}$   
b) Find the diameter of the circle whose radius is 17cm.
4. Find the area of the rectangle whose length is 26cm and breadth is 14cm.
5. Add  $1\frac{4}{9} + 4\frac{3}{9} + 2\frac{2}{9}$
6. a) Subtract  $\frac{7}{24}$  from  $\frac{17}{24}$   
b) Arrange in ascending order:  $\frac{2}{20}, \frac{18}{20}, \frac{10}{20}, \frac{9}{20}$
7. Multiply  $\frac{12}{25} \times \frac{5}{6}$
8. a) Express as a mixed fraction  $\frac{81}{5}$   
b) Classify the angle whose measure is  $175^\circ$ .  
c) Name the figure



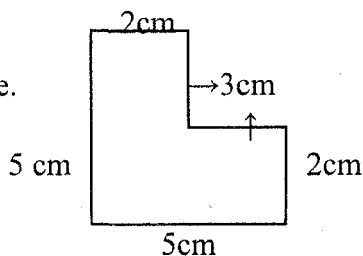
9. a) Identify the chart:



- b) Is it symmetrical, if so draw the line of symmetry.



10. Find the perimeter of the given figure.



## PART-C

### VII. Answer the following:

(3x4=12)

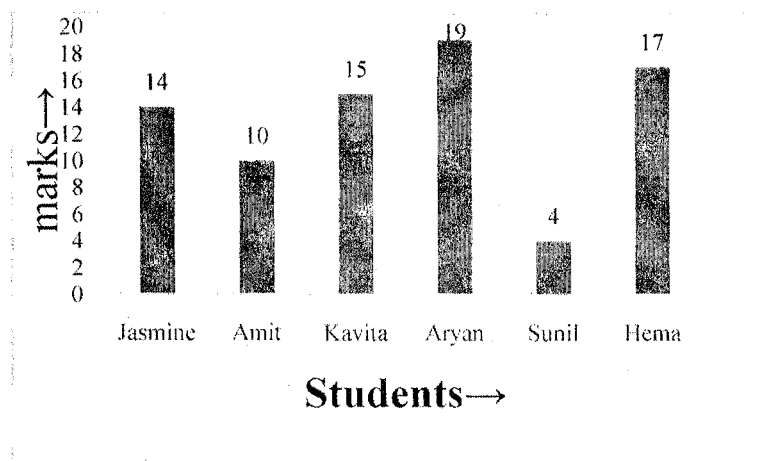
1. Draw an angle of  $130^\circ$ . Name and classify it.
2. Draw a circle of radius 3cm. Also draw its diameter and Measure the diameter and name the radius and diameter.
3. What is the cost of tiling a rectangular hall of 25m long and 20 m wide at the rate of Rs.7 per square metre.

**OR**

**Solve:**

- a)  $\frac{2}{5}$  of a kg
- b) Subtract  $12\frac{1}{5} - 7\frac{4}{5}$

4. The bar given below shows the marks obtained by students in a class test of 20 marks. Look at the bar and answer the following questions.



- a) Who scored the least marks?
- b) How many more marks did Hema score than Jasmine?
- c) How many students scored more than fourteen?

/ 12