

INTERNATIONAL INDIAN SCHOOL, DAMMAM

SUMMATIVE ASSESSMENT – II (2015)

MATHEMATICS - CLASS IV

Time : 2 hrs

Name : _____

Marks : Oral : _____ / 10

Roll no. : _____ Section : _____

Written : _____ / 50

Total : _____ / 60

Instructions:

1. Part A to be done in the question paper.
2. Part B, C and D should be done in the Answer sheet.

PART - A

I Choose the correct answer and fill in the blanks. ($\frac{1}{2} \times 6 = 3$)

- 1) Fractions that have same values are called _____.
(like fractions, equivalent fractions, proper fractions)
- 2) The area of a square whose side is 1 cm is _____.
(2 sq. cm, 1 sq. cm, 4 sq.cm)
- 3) Diameter of a circle is _____, if radius is 4 cm.
(8 cm, 2 cm, 4 cm)
- 4) Perimeter of an equilateral triangle = _____ x side.
(2, 3, 4)
- 5) The _____ shows the number of equal parts the whole has been divided into.
(numerator, denominator, whole number)
- 6) A _____ has definite length.
(straight line, ray, line segment)

II Fill in the blanks. ($\frac{1}{2} \times 6 = 3$)

- 1) A _____ of a circle always divides the circle into two equal halves.



- 2) Mixed fraction is the combination of a whole number and a _____ fraction.
- 3) Any portion on the circumference of a circle is called an _____.
- 4) A _____ is a part of a line which extends endlessly on one direction.
- 5) The perimeter of a square is _____ times the length of a side.
- 6) Fractions of different families are called as _____.

III Match the following

($\frac{1}{2} \times 6 = 3$)

- | | |
|---------------------------------|----------------------------|
| 1) Diameter | a) like fractions |
| 2) Perimeter | b) degree |
| 3) Area | c) distance around a shape |
| 4) $\frac{2}{7}, \frac{5}{7}$ | d) 2 x Radius |
| 5) Angles | e) Equivalent fraction |
| 6) $\frac{4}{5}, \frac{12}{15}$ | f) Sq. unit |

IV Fill in the blanks with >, < or =

($\frac{1}{2} \times 4 = 2$)

- | | | |
|---------------------------------------|----------------------|--------------------------------------|
| 1) $\frac{5}{15} + \frac{2}{15}$ | <input type="text"/> | $\frac{9}{12} - \frac{2}{12}$ |
| 2) Obtuse angle | <input type="text"/> | Straight angle |
| 3) 1 | <input type="text"/> | $\frac{10}{17} + \frac{7}{17}$ |
| 4) Number of line segment of a square | <input type="text"/> | Number of line segment of a triangle |

V State true or false.

($\frac{1}{2} \times 6 = 3$)

- 1) All the radii of a circle are equal. _____.
- 2) $\frac{1}{7}$ is a proper fraction. _____.
- 3) Perimeter of a rectangle = $l \times b$ _____.



4) $\frac{9}{13} > \frac{9}{16}$

5) A line is a part of line segment.

6) $N < D$, it is in improper fraction

VI Identify the following.

($\frac{1}{2} \times 6 = 3$)

1) An instrument used to measure an angle

2) The integral part of $16\frac{2}{7}$

3) A closed figure in which all four sides are equal

4) A fraction whose value is less than one

5) An angle whose measure is 90°

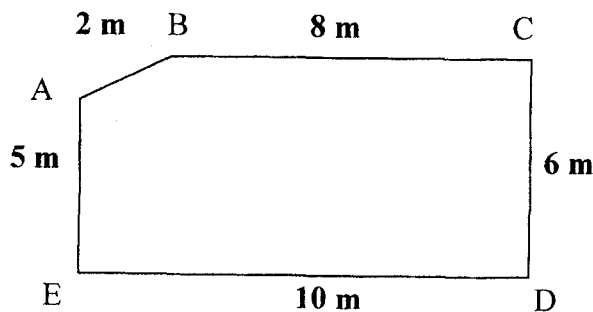
6) It is the measure of the enclosed surface

PART – B

VII Do as directed. (Any 10)

(2 x 10 = 20)

1) Find the perimeter of the given figure.



2) Find the missing numerals

a) $\frac{?}{72} = \frac{3}{9}$

b) $\frac{5}{6} = \frac{35}{?}$

3) Find the radius of the circle whose diameter is **54cm.**



4) Find the perimeter of the square whose side is **112 m**.

5) Check the equivalence of the fractions $\frac{5}{12}$ and $\frac{7}{13}$.

6) Construct and name a line segment of length **6.5 cm**.

7) Find the sum of : $3\frac{3}{4} + 5\frac{1}{4} + 3\frac{1}{4}$

8) Find the area of the rectangle whose length is **16 cm** and breadth is **11cm**.

9) Find : a) How much is 4 times $\frac{1}{4}$?

b) Subtract : $\frac{13}{18} - \frac{9}{18}$.

10) Classify the following angles as – Acute, Obtuse, Right and Straight .

a) 45° b) 180° c) 135° d) 90° e) 20° f) 179° g) 145° h) 95°

11) Solve : a) write the next four equivalent fractions of $\frac{9}{11}$.

b) Write the descending order of : $\frac{16}{23}$, $\frac{12}{23}$, $\frac{18}{23}$, $\frac{14}{23}$.

PART – C

VIII Construct the following.

(3 x 2 = 6)

1) An angle of 120° . Name and classify it.

2) Draw a circle of radius 4 cm. Also draw its diameter and write the following.

i) Radius = _____ = 4 cm

ii) Diameter = _____ = _____ cm



PART - D

IX Answer the following.

- A) Suresh wants to frame a picture which is 42 cm long and 25 cm broad. What is the Length of the wooden stick he needs? **(3 marks)**

OR

- A) Solve : a) Change into improper fraction of $8\frac{1}{7}$.
b) Change into mixed fraction of $\frac{47}{6}$.

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- B) Find the area of a square garden with side 25m. Also find the cost of plantation in that area, if the rate of the plantation is Rs 9 per sq. m. **(4 marks)**

OR

- B) Solve and get the answer in the lowest form : a) $\frac{3}{5}$ of a rupee.
b) $6\frac{2}{7} \times \frac{49}{11}$.

