

## FORMATIVE ASSESSMENT – III ( 2014 – 2015 )

## MATHEMATICS

CLASS : VI

TIME : 40 MINUTES

DATE : 11/11/2014

MARKS : 20

**Note :**

Do the calculations in working column.

Give necessary formulae and steps wherever required.

**SECTION A ( Each question carries 1 mark )**

- In a fraction, if the numerator is less than the denominator, then it is called :  
(a) Proper fractions    (b) Improper fractions    (c) Mixed fractions    (d) Like fractions
- The fraction equivalent to 3.05 is \_\_\_\_\_  
(a)  $\frac{305}{10}$                       (b)  $\frac{305}{100}$                       (c)  $\frac{350}{100}$                       (d)  $\frac{305}{1000}$
- The equivalent fraction of  $\frac{3}{7}$  with numerator 27 is \_\_\_\_\_  
(a)  $\frac{27}{7}$                       (b)  $\frac{3}{27}$                       (c)  $\frac{27}{63}$                       (d)  $\frac{63}{27}$

**SECTION B ( Each question carries 2 marks )**

- Arrange the following in ascending and descending order with appropriate sign.  
 $\frac{23}{15}$  ,  $\frac{15}{15}$  ,  $\frac{70}{15}$  ,  $\frac{5}{15}$
- Convert the following fractions into decimals.  
(a)  $\frac{27}{5}$                       (b)  $\frac{3}{100}$

**SECTION C ( Each question carries 3 marks )**

- Draw a number line and locate the points on it.  
0.61, 0.62, 0.64, 0.69

7. (a) Is  $\frac{30}{36}$  equal to  $\frac{45}{54}$  ?

(b) Write the decimal form of  $300 + 7 + \frac{2}{10} + \frac{5}{100}$

(c) What is the simplest form of  $\frac{85}{155}$  ?

8. Solve the following:

(a)  $\frac{4}{5} + 2\frac{3}{5} + 1$

(b)  $\frac{33}{4} - \frac{22}{3}$

**SECTION D ( Each question carries 4 marks )**

9. Anju bought  $3\frac{1}{2}$  metre of cloth and Akhil bought  $3\frac{3}{5}$  metre of the same cloth. Who bought more cloth and how much ?

**\*\*\*\*\*THE END\*\*\*\*\***