

ST . XAVIER'S SENIOR SECONDARY SCHOOL, DELHI – 110054

Class :5
Date : 08.09.14

SUMMATIVE ASSESSMENT 1
MATHS

Marks : 60
Time : 1½ hrs

Name _____ Class _____ Section _____ Roll no _____


Note: All the answers of Part A should be done on the question paper itself. Part A will be collected after 30 minutes.

PART A

Mental Maths:

(15)

1. A ray has _____ end points

2. $\frac{3}{5}$  $\frac{2}{7}$ (put > or <)

3. Arrange in ascending order : $\frac{21}{5}, \frac{3}{5}, \frac{19}{5}, \frac{1}{5}$ - _____

4. $\frac{2}{5} + \frac{2}{5} =$

5. Arrange in descending order : $\frac{2}{19}, \frac{2}{5}, \frac{2}{3}, \frac{2}{15}$ - _____

6. Two equivalent fractions of $\frac{3}{7}$ are _____ , _____

7. $\frac{1}{1}, \frac{1}{2}, \frac{1}{3}$ etc are called _____ fractions.

8. $\frac{13}{7} =$ _____ (mixed numeral form)

9. $1\frac{1}{8} - 1\frac{1}{8} =$ _____

10. Give an example of co-primes = _____

11. $\frac{6}{5}$ is a proper fraction = _____ (yes/no)

12. A _____ has no length, breadth or thickness

13. Two consecutive prime numbers whose difference is 2 are called _____

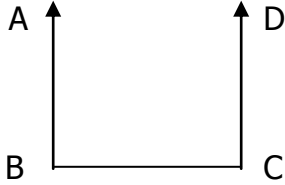
14. The fifth multiple of 9 is _____

15. Is 516 divisible by 6 ? _____ (yes/no)

Note: All the answers should be done on the Answer Sheet.

PART B

1. Identify and name the line segments and rays in the figure below: (1½)



2. Draw a line segment of $AB = 6.7$ cm. (1½)

3. Is 8724 divisible by 8? Give reason for your answer. (2)

4. Check whether $\frac{5}{8}$ and $\frac{15}{24}$ are equivalent fractions or not (show method). (2)

5. Reduce to its simplest form. (a) $\frac{64}{80}$ (b) $\frac{72}{28}$ (2x2=4)

6. Simplify: (2x2=4)

a. $30 + 75 \div 15 \times 4 - 18$

b. $100 - 56 \div 7 + 15 \times 2$

7. Solve: (3x2=6)

a. $7\frac{1}{2} + \frac{2}{3} + \frac{3}{5}$

b. $10\frac{1}{3} - 5\frac{1}{6}$

8. Write the prime factorization of (2½x2=5)

a. 108 (using factor tree method)

b. 200 (using division method)

9. Find the HCF of (3x2=6)

a. 15 and 35 (by finding factors)

b. 72 and 150 (using prime factorization method)

10. Find the LCM of 96, 64 and 80 using short division method. (3)

11. Khushi purchased $2\frac{3}{5}$ kg apples and $3\frac{9}{10}$ kg of oranges. What is the total weight of fruits purchased by her? (3)

12. A vessel had $5\frac{3}{8}$ liters of milk. Out of it, a cat drank $1\frac{1}{4}$ liters of milk. How much milk was left in the vessel? (3)

13. Arrange in ascending order $\frac{4}{5}, \frac{7}{10}, \frac{8}{15}, \frac{1}{2}$ (4)

