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FORMATIVE ASSESSMENT –I (2016-17)

CLASS: VII :: Mathematics

TIME: 1.30 Hours MARKS: 40

Multiple Choice Questions 5X1=5

1.(-20) x)-5) is equal to

a) 100 b) -100 c) 20 d)-5

2. When the sum of the measures of two angles is 90^0 degrees, then angles are called

a)supplementary angles b)complementary angles c)adjacent angles d)vertically opposite angles

3. When sum of the measures of the two angles is 180^0 degrees, then angles are called

a)supplementary angles b)complementary angles c)adjacent angles d)vertically opposite angles

4. Which of the following is a proper fraction .

a)7/4 b)19/4 c)14/5 d)4/11

5) 2 + ¼ is equal to

a)7/4 b)9/4 c)5/4 d)11/4

II. Very Short Answer Questions (4 x 2 = 8)

6. Write a pair of integers whose sum is - 7

7. Find the complement of the following

a)20^0 b)63^0

8. Solve 2 2/3 + 3 1/3

9. Find 12÷ 3 /4.

III.Short Answers. (5 x 3 = 15)

10. Find the product,using suitable properties

a)26 x (-48) + (-48)x (-36)

b) (-41) x 102

11.Find the supplement of the following a ngles.

12.Find the angle which is equal to its complement.

13.Multiply and reduce to lowest form

a) 2/3×2 2/3 b)3/8×6/4

14.Multiply and express as a fraction

a) 3×5 1/5 b) 5×6 ¾

IV. Long Answer questions 3×4=12

15.write five pair of integers (a,b)such that a÷b=-3. One such pair is (6,-2) because 6÷(-2)=(-3).

16.In the adjoining figure, write

a) Interior angles

b) Exterior angles

c) pairs of corresponding angles

17. Find

a) 2/5 ÷1/2

b) 2 1/3÷3/5

c) 3 1/5÷1 2/3