ST. LAWRENCE HIGH SCHOOL
A Jesuit Christian Minority Institution
ANSWER SHEET - 29
CLASS –VI

F.M – 15
DATE -12.06.20

SUBJECT – ARITHMETIC   CHAPTER 7 – PLAYING WITH NUMBERS
TOPIC – PRIME FACTORISATION

Multiple choice questions : (Select the correct option)   (15)

1. Factorisation is a way of expressing a number as a _____ of its factors.

a) difference   b) sum   **c) product**   d) none of these.

2. In division method we divide successively the ____ numbers in ascending order.

a) fractional   **b) prime**   c) composite   d) none of these.

3. 72 = 2 X 2 X 2 X 3 X ___

a) 0   b) 2   c) 5   **d) 3**

4. 9999 = 3 X 3 X 11 X _____

a) 100   **b) 101**   c) 9   d) none of these.

5. The smallest number having four different prime factors is

a) 42   **b) 210**   c) 105   d) 30

6. Which of the following has the least number of divisors ?

a) 200   b) 100   **c) 91**   d) none of these.

7. 133 = ___ X 19

a) 7   b) 2   c) 3   d) none of these.

8. 140 = 2 X 2 X 5 X ____

a) 10   b) 4   **c) 7**   d) none of these.

9. 75 = 3 X ___ X 5

a) 2   **b) 5**   c) 4   d) none of these.

10. 21 = __ X 7

a) 11   **b) 3**   c) 9   d) none of these .

11. 156 = 2 X 2 X 3 X ____

a) 11   b) 5   **c) 13**   d) none of these .

12. 180 = 2 X 2 X 3 X ____ X 5

a) 5   **b) 3**   c) 8   d)1

13. 495 = 3 X 3 X 5 X ____

a) 11   b) 2   c) 6   d) none of these.

14. 91 = 7 X ___

a) 7   **b) 13**   c) 26   d) none of these.

15. 164 = 2 X 2 X ____

a) 41   b) 2   c) 16   d) none of these.

By – U James Riju.