



# ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution

ANSWER SHEET - 31

CLASS -VI



SUBJECT - ARITHMETIC  
TOPIC - LCM

CHAPTER 7 - PLAYING WITH NUMBERS

F.M - 15  
DATE -15.06.20

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

**Find the LCM of the following using prime factorization method : ( No 1 - No 5 )**

1. 21, 63

a) **63** b) 18 c) 17 d) none of these.

2. 11, 121

a) **121** b) 118 c) 171 d) none of these.

3. 42, 63 and 140

a) 5230 b) 1200 c) **1260** d) 415

4. 56, 150 and 200

a) 1020 b) 3500 c) **4200** d) none of these.

5. 18, 36, 45 and 50

a) 420 b) 215 c) 105 d) **900**

**Find the LCM of the following using division method : ( No 6 - No 10 )**

6. 24, 48 and 60

a) 110 b) 720 c) **240** d) none of these.

7. 42, 56 and 70

a) 240 b) **840** c) 119 d) none of these.

8. 20, 25 and 30

a) **300** b) 140 c) 119 d) none of these.

9. 15, 18, 36 and 45

a) **180** b) 170 c) 190 d) none of these.

10. 26, 32, 65 and 80

a) 1231 b) 1093 **c) 2080** d) none of these .

11. Find the LCM of 8 and 9 by listing common multiples

a) 100 **b) 72** c) 80 d) none of these .

12. Find the smallest 4 digit number which is divisible by 8, 18 and 24.

**a) 1008** b) 2120 c) 1176 d) 1240

13. Find the least number which is exactly divisible by 20, 28 and 32.

**a) 1120** b) 2200 c) 1186 d) none of these.

14. Two containers have 16L and 24L of oil respectively. What is the largest measuring can that can exactly measure oil from both the containers ?

a) 17 L **b) 48 L** c) 21 L d) none of these.

15. What is the smallest length of a room in which an exact number of tables of length 12 metres and 9 metres can fit ?

**a) 36m** b) 20m c) 16m d) none of these.

By – U James Riju.