



ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution

ANSWER SHEET - 1

CLASS -VI



SUBJECT – ALGEBRA-GEOMETRY CHAPTER 12 – EXPONENTS
TOPIC – Powers and Bases

F.M – 15
DATE - 16.01.21

Multiple choice questions : (Select the correct option)

1. Power of 2 is called

a) **square** b) cube c) triangle d) rectangle.

2. Power of 3 is called

a) square **b) cube** c) triangle d)rectangle.

3. $8 = \underline{\quad}$ cube.

a) **2** b) 3 c) 5 d) 7

4. 4 to the power 5 is equal to _____

a) 124 b) 1032 **c)1024** d) 1000

5. $3125 = 5$ to the power of _____.

a) 4 b) 3 c) 2 **d) 5**

6. (-1) raised to an even positive integral power = _____ .

a) **1** b) -1 c) 0 d) 2

7. (-1) raised to an odd positive integral power = _____ .

a) 1 **b) -1** c) 0 d) 2

8. Minus X Minus = _____

a) minus b) multiply **c) plus** d) divide.

9. Write 5 as power of 5.

a) 5^2 **b) 5^1** c) 5^3 d) none of these.

10. Write 25 as power of 5.

a) 5^2 b) 5^1 c) 5^3 d) none of these.

11. Write 125 as power of 5.

a) 5^2 b) 5^1 c) 5^3 d) none of these.

12. Find the value of 5^5

a) 3000 b) **3125** c) 4321 d) 5000

13. What is the exponent in 15^6

a) 1 b) 5 c) **6** d) 0

14. What is the base in 8^{41}

a) **8** b) 4 c) 1 d) 41

15. Find the value of $2^3 + 3^4$

a) 80 b) 87 c) **89** d) 99

By – U James Riju