



# ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution



**Sub: Arithmetic**  
**Duration: 40 Min**

**Class: 7**  
**Worksheet Solution 16**  
**EXPONENTS**

**Date: 08.03.21**  
**Full Marks: 15**

**Choose the correct options:**

Question 1.

The exponential form of 10000 is

- (a)  $10^3$
- (b)  $10^4$**
- (c)  $10^5$
- (d) none of these

Question 2.

The exponential form of 100000 is

- (a)  $10^3$
- (b)  $10^4$
- (c)  $10^5$**
- (d) none of these

Question 3.

The exponential form of 81 is

- (a)  $3^4$**
- (b)  $3^3$
- (c)  $3^2$
- (d) none of these

Question 4.

The exponential form of 125 is

- (a)  $5^4$
- (b)  $5^3$**
- (c)  $5^2$
- (d) none of these

Question 5.

The exponential form of 32 is

- (a)  $2^3$
- (b)  $2^4$
- (c)  $2^5$**
- (d) none of these

Question 6.

The exponential form of 243 is

- (a)  $3^5$**
- (b)  $3^4$
- (c)  $3^3$
- (d)  $3^2$

Question 7.

The exponential form of 64 is

- (a)  $2^5$
- (b)  $2^6$**
- (c)  $2^7$
- (d)  $2^8$

Question 8.

The exponential form of 625 is

- (a)  $5^2$
- (b)  $5^3$
- (c)  $5^4$**
- (d)  $5^5$

Question 9.

The exponential form of 1000 is

- (a)  $10^1$
- (b)  $10^2$
- (c)  $10^3$**
- (d)  $10^4$

Question 10.

The value of  $(-2)^3$  is

- (a) 8
- (b) -8**
- (c) 16
- (d) -16

Question 11.

The value of  $(-2)^4$  is

- (a) 8
- (b) -8
- (c) 16**
- (d) -16

Question 12.

What is the base in  $8^2$ ?

- (a) 8**
- (b) 2
- (c) 6
- (d) 10

Question 13.

What is the exponent in  $8^2$ ?

- (a) 8
- (b) 2**
- (c) 16
- (d) 6

Question 14.

$(-1)^{\text{even number}} =$

(a) -1

**(b) 1**

(c) 0

(d) none of these

Question 15.

$(-1)^{\text{odd number}} =$

**(a) -1**

(b) 1

(c) 0

(d) none of these