SRI VIDYANIKETAN PUBLIC SCHOOL -SRIRAMNAGAR

GRADE: VII **SUB: MATHEMATICS**

TOPIC: EXPONETS AND POWERS

LIVE WORKSHEET-1

1. What is the base in 8^2?

   (a) 8 (b) 2

   (c) 6 (d) 10

2. What is the exponent in 8^2?

   (a) 8 (b) 2

   (c) 16 (d) 64

3. The exponential form of 100000

   (a) 10^3 (b) 10^4

   (c) 10^5 (d) 10^6

4. The exponential form of 81 is

   (a) 3^4 (b) 3^3

   (c) 3^2 (d) 3^1

5. The exponential form of 32 is

   (a) 2^3 (b) 2^4

   (c) 2^5 (d) 2^2

LIVEWORKSHEETS

6. The value of $(-1)^2$ is

(a) 0 (b) -1

(c) 1 (d) 2

7. If $2^3 \times 2^4 = 2^x$, then x=

(a) 3 (b) 4

(c) 1 (d) 7

8. $2^7 \div 2^3 =$

(a) 2^4 (b) 2^{10}

(c) 2 (d) 12

9. $(2^2)^3 =$

(a) 2^2 (b) 2^3

(c) 2^1 (d) 2^6

10. $3^0 =$

(a) 0 (b) 1

(c) 3 (d) 30

LIVEWORKSHEETS