

## Logarithms

Sr	Questions	Answers Choice
1	$\text{Log}_2 2^3$	A. 1 B. 2 <b>C. 3</b> D. 5
2	Scientific notation of 0.00034 is	A. $3.4 \times 10^{3}$ <b>B. <math>3.4 \times 10^{-4}</math></b> C. $3.4 \times 10^4$ D. $3.4 \times 10^{-3}$
3	In $\log_b x = 725$ , the characteristic is	A. 0 B. 1 <b>C. 2</b> D. 3
4	Question Image <input type="text"/>	<b>A. <math>a+b=1</math></b> B. $a-b=1$ C. $a=b$ D. $a^{2} - b^{2} = 1$
5	The decimal part of Logarithm is	<b>A. Mantissa</b> B. Characteristic C. Real D. Imaginary
6	$\log_2 2^3$	A. 1 B. 2 C. 5 <b>D. 3</b>
7	$\text{Log } 100 =$	<b>A. 2</b> B. 3 C. 1 D. 10
8	$\log(0) =$	A. Positive B. Zero <b>C. Undefined</b> D. Negative
9	$\log_{10} 10^0$ is	<b>A. 0</b> B. 1 C. 2 D. Impossible
10	If $\log 2 = 0.3010$ , then $\log 200$ is	A. 1.3010 B. 0.6010 <b>C. 2.3010</b> D. 2.000
11	If the decimal point is moved to the left when converting to scientific notation, the exponent is.	A. Positive <b>B. Negative</b> C. Zero D. Constant
12	The logarithm of any number to itself as base is	<b>A. 1</b> B. 0 C. -1 D. 10
13	Question Image <input type="text"/>	A. 0 B. -3 <b>C. 3</b> D. +3
14	Question Image <input type="text"/>	A. 2 B. 1 C. 4 <b>D. 8</b>
15	Which of the following is Not purpose of logarithms	A. Transforming non-linear calculation involving into linear form B. Managing calculations involving

16  $\log 1/82 =$

- A. -1
- B. -2
- C. 2
- D. 1does not exist

17 If  $a= b \times 10^n$  is written in scientific notation then

18 Question Image

- A. 5
- B. 7
- C. 9
- D. 10

19 The standard form of  $5.2 \times 10^6$  is

- A. 52,000
- B. 520,000
- C. 5,200,000
- D. 52,000,000

20  $\log e = \dots\dots\dots$  where 2.718

- A. 0
- B. 0.4343
- C. 1
- D. 0.22