

## Consumer Mathematics

Sr	Questions	Answers Choice
1	$\sqrt{\sqrt{2}} = ?$	A. $2^{\sup>2\</sup>}$ B. 2 C. $2^{\sup>1/2\</sup>}$ D. $2^{\sup>1/4\</sup>}$
2	According to law of power of power $(x^3)^4$ we can simplify.	A. $x^{12}$ B. $x^3$ C. $x^4$ D. $x^{4+3}$
3	The logarithm calculate to the base '10' is called	A. mantissa B. common logarithm C. characteristic D. natural number
4	$\sqrt{2+\sqrt{3}}$ is not radical, because $2+\sqrt{3}$ is	A. radical B. rational C. integer D. irrational
5	$\sqrt{3}$ is called:	A. radical B. radicand C. rational number D. integer
6	In the logarithm of number the decimal part is called	A. mantissa B. characteristic C. rational number D. real part
7	$1/b^{\sup>k\</sup>}$ is expressed in exponential form as	A. $a^{-1/b}$ B. $a^{-b/k}$ C. $a^{-1/k}$ D. $a^{-k/b}$
8	As per Law of sum of powers, we write $a^m \times a^n$ as	A. $a^{m-n}$ B. $a^{m+n}$ C. $a^{1/m-1/n}$ D. $a^{1/m+1/n}$
9	In 45,4 is called	A. base B. exponent C. integer D. radical
10	The mantissa is always taken as	A. positive (+) B. negative (-) C. $\pm$ D. $\neq$
11	$\ln\sqrt{3}$ , 3 is called	A. radical B. radicand C. integer D. natural number
12	$X^3 \times Y^4 \times X^{-2} \times Y^{-2}$ we can simplify as	A. $xy^2$ B. $x^3 y$ C. $xy^2$ D. $x^2 y$
13	0.0000281 can write in scientific notation	A. $2.81 \times 10^{-5}$ B. $28.1 \times 10^{-5}$ C. $0.00281 \times 10^{-3}$ D. $0.281 \times 10^{-5}$
14	We can write $1/10000$ in scientific notation as	A. $1 \times 10^4$ B. $1 \times 10^{-4}$ C. $1 \times 10^{1/4}$ D. $1 \times 10^{-1/4}$
15	$\sqrt{3}$ is considered a /an	A. rational number B. irrational number C. complex number D. integer

