

NAT I General Science Statistics

Sr	Questions	Answers Choice
1	If any value is zero in the data then it is impossible to calculate:	A. Arithmetic mean B. Geometric mean C. Mode D. Median
2	The harmonic mean of two numbers a and b is:	A. $2ab / a + b$ B. $2 / \text{ } a + b$ C. $ab / a + b$ D. $a + b / ab$
3	The average value of the lower and upper limits of a class is called:	A. Class boundary B. Class frequency C. Mid point D. Class interval
4	A graph of a cumulative frequency distribution is called:	A. Frequency curve B. Frequency polygon C. Ogive D. Histogram
5	Binomial distribution has parameters:	A. One B. Two C. Three D. Four
6	If 'c' is a non-random variable then E(c) is:	A. Zero B. C C. Two D. None of these
7	The probability of an impossible event is equal to:	A. Zero B. One C. 0.5 D. None of these
8	Basic year weighted index numbers are:	A. Laspeyre's B. Paasche's C. Fisher's D. None of these
9	First moment about mean is always:	A. Zero B. 1 C. Negative D. None of these
10	Variance is always calculated from:	A. Mean B. Median C. Geometric mean D. Mode