NAT-IGS General Science Statistics Easy Test

Sr	Questions	Answers Choice
1	The most commonly used mathematical method for measuring trend is	A. Moving average method B. Semi-average method C. Method of least squares D. Free- hand curve method
2	An estimator is..... if its expected value is equal to the population parameter to be estmated	A. Bad B. Based C. Unbiased D. None of these
3	The parameters of hypergeometric distribution are:	A. 3 B. 2 C. 1 D. 4
4	If P(A) = 0.3, P(B) = 0.8, P(A C B)= 0.24, then the events A & B are	A. Mutually exclusive B. Equally likely C. Independent D. Not independent
5	If E(q̂) = q then q̂ is called	A. Biased estimator B. Unbiased estimator C. Positively biased D. Negatively biased
6	First moment about mean is always:	A. Zero B. 1 C. Negative D. None of these
7	If y = 5x + 10, then mean deviation of y is	A. 5 mean deviation (x) B. 25 mean deviation (x) C. 5 mean deviation (x) + 10 D. None of them
8	The shape of the C^2 distribution is	A. Symmetrical B. Negatively skewed C. Positively skewed D. Mesokurtic
9	A decimal number system has base	A. 2 B. 8 C. 10 D. 16
10	Most frequent value of the data is called:	A. Mean B. G.M C. Mode D. None of these
11	Bias is	A. Cumulative B. Decumulative C. Decreasing D. None of these
12	The model letter of the word statistics is:	A. S B. T C. S & T D. I
13	In the regression equation x =a + by then called	A. Independent variable B. Dependent variable C. Quantitative variable D. Continuous variable
14	Sum of dots when two dice are rolled is:	A. Discrete variable B. continuous variable C. Constant D. Qualitative variable
15	In constructing a Histogram if the class interval size of one class is double than others then freq of that class should be:	A. Doubled B. Half C. Quarter D. One

16	Variance remains unchanged by change of:	A. Origin B. Scale C. Both D. None of them
17	E |X- M| =	A. Zero B. Mean deviation C. S.D D. Variance
18	The normal distribution curve is:	A. U Shaped B. I shaped C. Uniform D. Bell shaped
19	The formula used to estimate a parameter is called:	A. Estimate B. Estimation C. Bais D. Estimator
20	P or q cannot be greater than:	A. 1 B. 0 C. 2/3 D. 1/2