

NAT I General Science Statistics

Sr	Questions	Answers Choice
1	The normal distribution isdistribution	A. Positively skewed B. Negatively skewed C. Symmetrical D. Meso kurtic
2	if m = 130, \hat{X} = 150,s = 5,n =10, what test statistic is appropriate?	A. Z B. t C. X ² D. F
3	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
4	The model letter of the word statistics is:	A. S B. T C. S & T D. I
5	The most suitable average for index numbers is:	A. Arithmetic mean B. Geometric mean C. Harmonic mean D. Median
6	A quantitative variable whose values are countable is called	A. Categorical variable B. Continuous variable C. Discrete variable D. None of these
7	If 'c' is a non-random variable then E(c) is:	A. Zero B. C C. Two D. None of these
8	In the regression equation x =a + by then called	A. Independent variable B. Dependent variable C. Quantitative variable D. Continuous variable
9	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
10	In a set of "n" elements the total number of subsets are:	A. 2 ⁿ B. n ² C. n! D. None of these
11	Current year weighted are used as	A. Laspeyr's index number B. Paasch's index number C. Fisher ideal index number D. None of these
12	The midpoint of the group 5,5-7,5 is	A. 6 B. 6,5 C. 7 D. 13
13	The formula used to estimate a parameter is called:	A. Estimate B. Estimation C. Bais D. Estimator
14	The correlation coefficient would be	A. 1.95 B1.95 C. 0.95 D. None of these
15	A specific value calculated from sample is called	A. Estimator B. Estimate C. Estimation D. Bias

16	In which sense Statistics means numerical data:	A. Singular B. Plural C. Both D. None of these
17	If for a contingency table d.f = 12 and the no of rows = 4 then the no of columns will be	A. 5 B. 4 C. 3 D. 2
18	Sum of deviation from Mean is always	A. Negative B. Positive C. Zero D. Fractional
19	P or q cannot be greater than:	A. 1 B. 0 C. 2/3 D. 1/2
20	The probability of drawing any one spade card is:	A. 1/52 B. 1/13 C. 4/13 D. 1/4