

## NAT I General Science Statistics

Sr	Questions	Answers Choice
1	If critical region is located on both sides it is called	A. One tailed test B. One sided test C. Two tailed test D. Not exists
2	A hypothesis in which all parameters are specified is called	A. Composite hypothesis B. Null hypothesis C. Simple hypothesis D. All
3	An estimator is a	A. Parameter B. Constant C. Random variable D. Statistic
4	The complete list of all sampling units	A. Sample B. Sampling frame C. Sample design D. Sampling error
5	In normal distribution $P(m-d \leq x \leq m+d)$	A. 0.9973 B. 0.9545 C. 0.6827 D. None
6	The electronic and mechanical components of a computer are known as:	A. Computer software B. Computer hardware C. Both a and b D. None of these
7	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
8	If $\chi^2 = 5.8$ and $d = 1$ we make the following statistical decision	A. We reject $H_0$ at $\alpha = 0.01$ B. We accept $H_0$ at $\alpha = 0.05$ C. We reject $H_0$ at $\alpha = 0.05$ D. We accept $H_0$ at $\alpha = 0.01$
9	The value of correlation co-efficient lies between	A. 0 to +1 B. -1 to 0 C. -0.5 to +0.5 D. -1 to +1
10	In the regression equation $x = a + by$ then called	A. Independent variable B. Dependent variable C. Quantitative variable D. Continuous variable