

## NAT I General Science Statistics

Sr	Questions	Answers Choice
1	Variance remains unchanged by change of:	A. Origin B. Scale C. Both D. None of them
2	Standard deviation is calculated from harmonic mean:	A. Always B. Never C. Often D. None of them
3	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
4	The median of A,S,S,O,C,I,A,T,E is:	A. S B. O C. I D. None of them
5	The geometric mean of the values -2,4,-3,6,0 is:	A. -3 B. 0 C. 3 D. Cannot be computed
6	If $z = x - y$ then $\bar{z}$ is:	A. $\bar{x} + \bar{y}$ B. $\bar{x} - \bar{y}$ C. 0 D. $\bar{xy}$
7	A random variable is of types:	A. 3 B. 2 C. 1 D. 4
8	The science of statistics can be divided into branches:	A. 2 B. 3 C. 5 D. 4
9	In hypergeometric distribution the trials are:	A. Independent B. Dependent C. Both a and b D. None of these
10	The parameters of the binomial distribution are:	A. p and q B. q and n C. n and p D. n,p and q