

NAT I General Science Statistics

Sr	Questions	Answers Choice
1	$y = ax + b$, then mode (y) = -----	A. Mode (x) a B. Mode (x) + b C. a mode (x) D. None of these
2	When the values are not of equal importance then we compute	A. Simple mean B. Weighted C. Combined mean D. None of these
3	In symmetrical distribution the values of mean median and mode	A. Zero B. Coincide C. Do not coincide D. None of these
4	Sum of the random errors is equal to:	A. 3 B. 2 C. 1 D. 0
5	Now a days the word statistics can be expressed in how many ways?	A. 2 B. 3 C. 5 D. 4
6	The hypergeometric distribution has parameters:	A. 2 B. 3 C. 4 D. None of these
7	The variance of binomial distribution is:	A. np B. nq C. npq D. None of these
8	If $E(X) = 1.6$ and $E(Y) = 0.4$, then $E(X - Y) =$ -----	A. 1.2 B. -0.2 C. 2.0 D. None of these
9	The experiment means a well define:	A. Action B. Outcome C. Sample space D. None of these
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