

NAT I General Science Statistics

Sr	Questions	Answers Choice
1	P or q cannot be greater than:	A. 1 B. 0 C. 2/3 D. 1/2
2	A binomial random variable can only assume the values	A. 0, 1, 2, ..., n B. 2, 4, 6, 8, 10 C. 1, 2, ..., n D. 0, 1, 2, ..., ∞
3	Var (2x ± 3) is	A. 5 var (x) B. 12 var (x) C. 4 Var (x) D. None of these
4	If $x = 0, 1, 2, P(x) = k, 2k, 3k$ then k is	A. 1/4 B. 1/9 C. 1/8 D. 1/6
5	The probability of an always lies between:	A. -1 and 1 B. 1 and 0 C. 0 and 1 D. 0 and ∞
6	The probability of drawing one green ball from a bag containing 6 red, 8 black 10 yellow and one green ball is	A. 1/25 B. 0 C. 4/13 D. 15/20
7	$P_n / P_{n-1} \cdot 100$ is equal to:	A. Price relative B. Chain indices C. Link relative D. None of these
8	How many basic types of index numbers are?	A. 2 B. 3 C. 5 D. 4
9	Standard deviation is calculated from H.M	A. Always B. Never C. Often D. None of these
10	Variance of the values 8, 8, 8, 8, is:	A. 8 B. 0 C. 64 D. None of these