

NAT I General Science Statistics

Sr	Questions	Answers Choice
1	Var (2x + 3) is:	A. 5 var (x) B. 4 Var (x) C. 4 Var (x) +3 D. 4 Var (x) +9
2	How many basic types of index numbers:	A. 2 B. 3 C. 4 D. 5
3	By decreasing \bar{x} the length of confidence interval for m	A. Increases B. Decreases C. No effect D. None of these
4	If any ultimate class frequency is negative the data will be	A. Inconsistent B. Consistent C. Correlated
5	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.....∞
6	In binomial distribution trials are:	A. Independent B. Dependent C. Both D. None of these
7	A complete list of elements in a population is called	A. Population B. Sampling design C. Sampling frame D. Sampling Unit
8	If constants are added to or subtracted from the values of the variable the value of r is	A. Negative B. Positive C. Zero D. Remain unchanged
9	For a symmetrical distribution:	A. $b_{1} = 0$ B. $b_{1} = 3$ C. $b_{2} = 3$ D. $b_{3} = 3$
10	An after Eid sale in store is an example of	A. Secular trend B. Attributes C. Constants D. None of those
11	If mena = 40, Mode =42, then distribution is:	A. + skew B. - skew C. Symmetrical D. All of these
12	E(x) is:	A. G.M (x) B. H.M (x) C. A.M (x) D. Mode (x)
13	The probability of red card out of 52 cards is:	A. 1/4 B. 1/2 C. 4/52 D. Zero
14	How many types of dispersion	A. 2 B. 3 C. 4 D. None of these
15	Weight of earth is:	A. Discrete Variable B. Continuous Variable C. Qualitative variable D. Difficult to tell)

16	Sum of random errors is equal to:	A. Zero B. 2 C. 3 D. None of these
17	How many basic types of index numbers are?	A. 2 B. 3 C. 5 D. 4
18	In binomial distribution:	A. Mean = variance B. Mean > variace C. Mean < variance D. Zero
19	Set of electronic instruction is	A. Hardware B. Software C. Ouput device D. None of these
20	if $m = 130, \hat{X} = 150, s = 5, n = 10$, what test statistic is appropriate?	A. Z B. t C. X^2 D. F