

## NAT I General Science Statistics

Sr	Questions	Answers Choice
1	For a given set of bivariate data if $B_{yx} = 0.52$ and $b_{xy} = -1.02$ then $r$ is	A. 0.73 B. -0.73 C. 0.00 D. 1.00
2	Var $(2x + 3)$ is:	A. 5 var (x) B. 4 Var (x) C. 4 Var (x) +3 D. 4 Var (x) +9
3	Which index number may be weighted?	A. Simple B. Composite C. Both a and b D. Fisher
4	In binomial experiment each trail has:	A. One outcome B. Two outcome C. Three outcome D. Four outcome
5	$P_n / P_{n-1} \times 100$ is equal to:	A. Price relative B. Chain indices C. Link relative D. None of these
6	Which average cannot be compound if any value is less than zero	A. G.M B. Median C. Mode D. A.M
7	The shape of the $C^2$ distribution is	A. Symmetrical B. Negatively skewed C. Positively skewed D. Mesokurtic
8	The normal distribution is .....distribution	A. Positively skewed B. Negatively skewed C. Symmetrical D. Meso kurtic
9	Var $(ax + b)$ is:	A. $a^2 \text{ var } (x) + b$ B. $a \text{ var } (x) - a^2$ C. $a^2 \text{ var } (x)$ D. Zero
10	Sum of deviation from Mean is always	A. Negative B. Positive C. Zero D. Fractional
11	If two regression coefficients are 0.8 and 0.2 then correlation coefficient is	A. 0.16 B. -0.16 C. 0.40 D. -0.40
12	The science of statistics can be divided into branches:	A. 2 B. 3 C. 5 D. 4
13	A specific value calculated from sample is called	A. Estimator B. Estimate C. Estimation D. Bias
14	The hypothesis which is to be tested for possible rejection is	A. Simple B. Composite C. Null D. Alternative
15	By decreasing $\bar{x}$ the length of confidence interval for $m$	A. Increases B. Decreases C. No effect D. None of these

16	In moving average method we can't find trend values of some	A. Middle period B. Starting and can periods C. End periods D. Starting periods
17	The data obtained from college record is	A. <span style="font-size: 14.44444465637207px;">Primary data</span> B. <span style="font-size: 14.44444465637207px;">Secondary data</span> C. <span style="font-size: 14.44444465637207px;">Raw data</span> D. <span style="font-size: 14.44444465637207px;">Qualitative data</span>
18	Statistical inference can be divide into,,,,,,,,,,,,,approches	A. Four B. Three C. Two D. None
19	A decimal number system has base	A. 2 B. 8 C. 10 D. 16
20	Probability distribution of a statistic is called	A. Sampling error B. Sampling distribution C. Standard error D. Parameter