

NAT-IGS General Science Statistics Hard Test

Sr	Questions	Answers Choice
1	In computer studies RAM stands for	A. Ready any Memory B. Read Actual memory C. Random access memory D. Reach at memory
2	In a set of "n" elements the total number of subsets are:	A. 2^{n-1} B. n^2 C. n! D. None of these
3	The normal distribution curve is:	A. U Shaped B. I shaped C. Uniform D. Bell shaped
4	A misfit person is not selected for the job	A. Nor error B. Type I error C. Type II error D. Sampling error
5	$E(X - \mu)^2 =$	A. Zero B. S,D C. Variance D. Mean deviation
6	If $P(A) = 0.7, P(B) = 0.5$, A and B are independent then $P(A \cap B) =$	A. 0.35 B. 1.2 C. 0.85 D. None of these
7	Probability distribution of a statistic is called	A. Sampling error B. Sampling distribution C. Standard error D. Parameter
8	If $1 - \alpha = 0.90$, then value of $Z_{\alpha/2}$ is	A. 1.645 B. 1.96 C. 2.33 D. 2.575
9	The probability that the confidence interval does not contain the parameter is denoted by:	A. a B. $1 - \alpha$ C. b D. $1 - b$
10	Second moment about mean is	A. Zero B. One C. Standard Deviation D. Variance
11	If $P(A) = 0.3, P(B) = 0.8, P(A \cap B) = 0.24$, then the events A & B are	A. Mutually exclusive B. Equally likely C. Independent D. Not independent
12	Normal distribution is	A. Lepto kurtic B. Platy kurtic C. Meso kurtic D. None of these
13	The data which have already been collected by someone are called	A. Secondary data B. Primary data C. Arrayed data D. None of these
14	The lack of uniformity is called	A. Skewness B. Symmetry C. Kurtosis D. Dispersion
15	If any value is zero in the data then it is impossible to calculate:	A. Arithmetic mean B. Geometric mean C. Mode D. Median

16	The graph of time series is called:	A. Histogram B. Ogive C. Straight line D. Histogram
17	The alternative hypothesis always contains the sign of	A. Equality B. Inequality C. Ratio D. Proportion
18	The difference of the true value of parameter and corresponding value of sample is called	A. Non-sampling error B. Sampling error C. Random error D. None of these
19	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
20	The model letter of the word statistics is:	A. S B. T C. S & T D. I
