NAT-IGS General Science Statistics Easy Test

Sr	Questions	Answers Choice
1	The probability of red card out of 52 cards is:	A. 1/4 B. 1/2 C. 4/52 D. Zero
2	A quantitative variable whose values are countable is called	A. Categorical variable B. Continuous variable C. Discrete variable D. None of these
3	Accepting H_o when H_o is true is a:	A. Type I error B. Type II error C. Correct decision D. None of these
4	E(x) is:	A. G.M (x) B. H.M (x) C. A.M (x) D. Mode (x)
5	The hypothesis which is to be tested for possible rejection is	A. Simple B. Composite C. Null D. Alternative
6	Total angle of a pie chart is	A. 100^o B. 180^o C. 300^o D. 360^o
7	If mena = 40, Mode =42, then distribution is:	A. + skew B. - skew C. Symmetrical D. All of these
8	Accepting H_o /H_o is true	A. No error B. type I error C. Type II error D. A
9	If 'C' is a non-random variable then E (C) is:	A. C B. 0 C. 1 D. x
10	A specific value calculated from sample is called	A. Estimator B. Estimate C. Estimation D. Bias
11	The data in their original form are called	A. Secondary data B. Ordered data C. Primary data D. Un-official data
12	In chain base method,the base period is:	A. Fixed B. Changed C. Constant D. None of these
13	In which sense Statistics means numerical data:	A. Singular B. Plural C. Both D. None of these
14	If P(A) = 0.7,P(B) = 0.5,A and B are independent then P(A C B) =	A. 0.35 B. 1.2 C. 0.85 D. None of these
15	Standard deviation is calculated from harmonic mean:	A. Always B. Never C. Often D. None of them

16	In a set of "n" elements the total number of subsets are:	A. 2ⁿ B. n² C. n! D. None of these
17	If any value in the series is zero then it is impossible to calculate	A. Mean B. Geometric mean C. Mode D. None of these
18	If a and b are two constants then var (a± bx) =	A. ± b var (x) B. Var (a) ± var (x) C. b² var (x) D. (a±b) var (x)
19	If 'c' is a non-random variable then E(c) is:	A. Zero B. C C. Two D. None of these
20	In symmetrical distribution the values of mean median and mode	A. Zero B. Coincide C. Do not coincide D. None of these