NAT-IGS General Science Statistics Hard Test

Sr	Questions	Answers Choice
1	Most frequent value of the data is called:	A. Mean B. G.M C. Mode D. None of these
2	Link relatives can be obtained by dividing P_n by:	A. P_o B. q_o C. P_n D. P_{n-1}
3	Accepting H_o /H_o is true	A. No error B. type I error C. Type II error D. A
4	Which index number has a wide scope:	A. Special B. General C. Price D. Quantity
5	In computer studies RAM stands for	A. Ready any Memory B. Read Actual memory C. Random access memory D. Reach at memory
6	The sum of the squares of deviation is least form:	A. Mean B. Mode C. Median D. Harmonic mean
7	A hypothesis in which all parameters are specified is called	A. Composite hypothesis B. Null hypothesis C. Simple hypothesis D. All
8	Mean deviation is least when deviations are taken from:	A. Mean B. Median C. Mode D. H.M
9	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)
10	A binomial random variable can assume only the values	A. 1,2,3.....n B. 0,1,2.....<strike>y</strike> C. 0,1,2.....n D. None of these
11	First moment about mean is always:	A. Zero B. 1 C. Negative D. None of these
12	Drag and drop is a term associated with	A. Mouse B. Key-board C. Printer D. Scanner
13	The types of dispersion are:	A. 2 B. 3 C. 4 D. 5
14	How many basic types of index numbers:	A. 2 B. 3 C. 4 D. 5
15	The shape of the C^2 distribution is	A. Symmetrical B. Negatively skewed C. Positively skewed D. Mesokurtic

16	If y = 5x + 10, then mean deviation of y is	A. 5 mean deviation (x) B. 25 mean deviation (x) C. 5 mean deviation (x) + 10 D. None of them
17	The variance of binomial distribution is:	A. np B. nq C. npq D. None of these
18	In Random sampling the probability of selecting an item from the population is	A. Unknown B. Known C. Undecided D. One
19	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
20	If Y^2 = 5.8 and d = 1 we make the following statistical decision	A. We reject H_o at a = 0.01 B. We accept H_o at a = 0.05 C. We reject H_o at a = 0.05 D. We accept H_o at a = 0.01