NAT-IGS General Science Statistics Hard Test

Sr	Questions	Answers Choice
1	The probability of an event can never be	A. Zero B. 1 C. 0.5 D. Negative
2	The most suitable average for index numbers is:	A. Arithmetic mean B. Geometric mean C. Harmonic mean D. Median
3	The hypothesis which is tested for possible rejection is called	A. Null hypothesis B. Alternative hypothesis C. Wrong hypothesis D. None of these
4	If x - 0,1,2,P(x) = k,2k,3k then k is	A. 1/4 B. 1/9 C. 1/8 D. 1/6
5	In a straight line equation y = a + bx b is the	A. y intercept B. Slope C. x intercept D. Trend
6	Sum of dots when two dice are rolled is:	A. Discrete variable B. continuous variable C. Constant D. Qualitative variable
7	In Random sampling the probability of selecting an item from the population is	A. Unknown B. Known C. Undecided D. One
8	Most frequent value of the data is called:	A. Mean B. G.M C. Mode D. None of these
9	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
10	A complete list of elements in a population is called	A. Population B. Sampling design C. Sampling frame D. Sampling Unit
11	If for a contingency table d.f = 12 and the no of rows = 4 then the no of columns will be	A. 5 B. 4 C. 3 D. 2
12	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
13	The grouped data is:	A. Primary B. Secondary C. Raw data D. None of these
14	A misfit person is not selected for the job	A. Nor error B. Type I error C. Type II error D. Sampling error
15	The parameters of the binomial distribution are:	A. p and q B. q and n C. n and p D. n,p and q

16	In hypergeometric distribution trials are:	A. Independent B. Dependent C. Constant D. None of these
17	The range of constant "A" is equal to	A. Zero B. A C. One D. None of these
18	In symmetrical distribution the values of mean median and mode	A. Zero B. Coincide C. Do not coincide D. None of these
19	A set of instruction that run the computer are:	A. Hardware B. Printers C. Monitors D. Software
20	If any value is zero in the data then it is impossible to calculate:	A. Arithmetic mean B. Geometric mean C. Mode D. Median