NAT-IGS General Science Statistics Hard Test

Sr	Questions	Answers Choice
1	G.M of three numbers 2,4,8 is:	A. 2 B. 8 C. 4 D. 3,67
2	In hypergeometric distribution trials are:	A. Independent B. Dependent C. Constant D. None of these
3	E(x) is:	A. G.M (x) B. H.M (x) C. A.M (x) D. Mode (x)
4	The probability of red card out of 52 cards is:	A. 1/4 B. 1/2 C. 4/52 D. Zero
5	Two attributes are independent if	A. (AB) = (A)(B) / N B. (AB) ¹ (A)(B) / N C. (AB) > (A)(B) / N D. (AB) < (A)(B) / N
6	If E (X) =4, then find arithmetic mean will be:	A. 4 B. 8 C. 0 D. 1
7	E |X- M| =	A. Zero B. Mean deviation C. S.D D. Variance
8	The hypergeometric distribution has parameters:	A. 2 B. 3 C. 4 D. None of these
9	In unimodal distribution If mode is less than mean then distribution is	A. Symmetrical B. Normal C. Positively skewed D. Negatively skewed
10	If $z = x - y$ then $\bar{z}$ is:	A. $\bar{x}+\bar{y}$ B. $\bar{x} - \bar{y}$ C. 0 D. $\bar{x}\bar{y}$
11	The hypothesis which is tested for possible rejection is called	A. Null hypothesis B. Alternative hypothesis C. Wrong hypothesis D. None of these
12	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
13	Link relatives can be obtained by dividing P_n by:	A. P_o B. q_o C. P_n D. P_{n-1}
14	How many types of dispersion	A. 2 B. 3 C. 4 D. None of these
15	In which distribution the successive trials are with replacement:	A. Hypergeometric distribution B. Binomial distribution C. Continuous distribution D. None of these

16	In computer studies RAM stands for	A. Ready any Memory B. Read Actual memory C. Random access memory D. Reach at memory
17	Sum of dots when two dice are rolled is:	A. Discrete variable B. continuous variable C. Constant D. Qualitative variable
18	In symmetrical distribution the values of mean median and mode	A. Zero B. Coincide C. Do not coincide D. None of these
19	If R_{xy} = - 0.84 then r_{xy} is	A. -0.84 B. 0.84 C. 0.42 D. None of these
20	The parameters of the binomial distribution are:	A. p and q B. q and n C. n and p D. n,p and q