

Statistics Ics Part 1 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	In which distribution the successive trials are with replacement	A. Hypergeometric B. Binomial distribution C. Continuous distribution D. Discrete distribution
2	The hyper-geometric distribution has..... parameters.	A. 1 B. 2 C. 3 D. 4
3	The hypergeometric distribution has parameters	A. Two B. Three C. Four D. Five
4	In which distribution the successive trials are without replacement.	A. Hypergometric distribution B. Bionomial distribution C. Continuous distribution D. None of these
5	The probability of failure is equal to.	A. p B. 1 - q C. P - 1 D. 1 - P
6	Binomial distribution has parameter	A. One B. Two C. Three D. Four
7	The mean of a binomial distribution depends on	A. Parability of success B. Probability of failure C. Number of trials D. Both a and c
8	The binomial probability distribution is symmetrical when	A. $p = q$ B. $p < q$ C. $p > q$ D. $np > npq$
9	A binomial random variable is a (an)	A. Constinuous random variable B. Discrete random variable C. Dependent variable D. Independent variable
10	A binomial random variable can assume the values	A. 1,2,.....n B. 0,1,2,.....00 C. 0,1,2,.....n D. 2,4,6,8,10
11	A fair coin is tossed four times the probability of getting four heads is	A. 1/4 B. 1/2 C. 1/16 D. 1
12	"P" or "q" can not be greater than	A. 1 B. 0 C. 2/3 D. 1/2
13	In which distribution the successive trails are with replacement.	A. Hypergometric distribution B. Bionomial distribution C. Continuous distribution D. None of these
14	In binomial distribution trails are	A. Independent B. Dependent C. Both D. Discrete
15	In a hypergeometric distribution.	A. Mean $>$ Variance B. Mean $<$ variance C. Mean = variance D. Mean = Zero

16	The number of trials in binomial distribution is.	A. Not fixed B. Fixed C. Large D. Small
17	In hypergeometric distribution the trials are.	A. Independent B. Dependent C. Independent and dependent D. None of these
18	If $p = q = 1/2$ then distribution is called.	A. Positively B. Skewed C. Symmetrical D. Negatively
19	In a binomial experiment with three trials, the variable can take.	A. 2 Values B. 3 Values C. 4 Values D. 5 Values
20	For positively skewed binomial distribution	A. $P = 0$ B. $P < 0.5$ C. $P > 0.5$ D. $P = 0.5$
