

Statistics Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	The word statistics is at present used in	A. Two senses B. Three senses C. Four senses D. None of these
2	Subset of sample space is called	A. Event B. Simple event C. Compound event D. Experiment
3	If the occurrence of one event is not effected by the occurrence of other than these events are called	A. Dependent B. Independent C. Simple D. Compound events
4	If Laspeyres index = 104.5, Paasche's index = 107.9, then, Fisher's ideal index is equal to:	A. 100 B. 104.1 C. 106.2 D. 110.2
5	The median for the data 2, 4, 6, 8, 10, 12 is	A. 5 B. 8 C. 7 D. 10
6	The binomial distribution deal with:	A. Discrete variable B. Continuous variable C. None of these
7	Subset of sample is called:	A. Simple event B. Compound event C. Experiment D. Event
8	Two events A and B are mutually exclusive if $P(A \cup B) =$	A. $P(A) - P(B)$ B. $P(A) + P(B)$ C. $P(A)P(B) - P(A \cap B)$ D. $P(A) + P(B) - P(A \cap B)$
9	$F(-\infty)$ is always equal to.	A. Zero B. One C. Two D. Negative one
10	The grouped data is.	A. Primary B. Secondary C. Raw data D. None of them
11	Which is the following measures cannot be calculated for the numbers 5,8, 12,6, 9, 13, 10	A. Median B. Mean C. Mode D. None of these
12	A student solved 25 questions from first 50 questions of a book to be solved. The probability that he will solve the remaining all questions.	A. 0.25 B. 0.51 C. 1 D. 0
13	The data about the weights of plants:	A. Discrete data B. Qualitative data C. Continuous data D. Quantitative data
14	The mode of letters in the word STATISTICS is:	A. S B. T C. I

		C. 1 D. S & T
15	What is the probability that a ball drawn at random from the bag is.	A. 0.1 B. 0.4 C. 1.0 D. Cannot be determined from given information
16	For a binomial distribution with $n = 5$ $\text{prob}(X = -2)$ is.	A. 0 B. Greater than zero C. Less than zero D. None of these
17	The probability of getting two red balls with replacement from a bag containing 4 red, 3 white and 3 black balls is.	A. $\frac{4}{25}$ B. $\frac{1}{25}$ C. $\frac{9}{100}$ D. $\frac{2}{25}$
18	Price of commodity in current year can be represented as	A. P_{oi} B. P_{on} C. P_{n} D. P_{i}
19	When all the commodities are not of equal importance, the index numbers are called.	A. Simple B. Weighted C. Value D. Un weighted
20	If the probability of success $p = 0.4$ for a probability Bernoulli trial, the expression ${}^7P_3 (0.4)^2 (0.6)^2$ given the probability of getting.	A. Exactly three successes in seven trials B. Exactly four successes in seven trials C. Three or more successes in seven trials D. Four or more successes in seven trials.