

## Statistics Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	Index number are called:	A. Mathematical barometer B. Economic barometer C. Statistical barometer D. Both A and C
2	In binomial distribution it is impossible to find	A. $P(x \leq L)$ B. $P(x=0)$ C. $P(x > 0)$ D. $P(0 \leq x \leq 34)$
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	In which of these cases would the mode be most useful as an indicator of central tendency.	A. Every value in a data set occurs exactly once B. All but three values in a data set occur once, three values occur 5 times each C. All values in a data set occur 10 times each D. Every observation in a data set has the same value.
5	If the random variable $x$ denotes the number of heads when three distinct coins are tossed, the $x$ assumes values	A. 0, 1, 2, 3 B. 1, 3, 3, 1 C. 1, 2, 3 D. None of these
6	A statistic which is not measurable is called.	A. A constant B. An attribute C. A variable D. A parameter
7	Subset of sample space is called	A. Event B. Simple event C. Compound event D. Experiment
8	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
9	In binomial distribution, the random variable $x$ has a range:	A. 0, 1, 2, ..., $n$ B. 0, 1, 2, ..., $+\infty$ C. $-\infty$ to $+\infty$ D. $0$ to $+0$
10	First moment about mean is always equal to.	A. Standard deviation B. Zero C. 1 D. Variance
11	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
12	The number 4.50001 rounded off to nearest unit is.	A. 4 B. 5 C. 4.5 D. 4.01
		A. Preceding B. Following C. Next D. Previous

13	In a fixed base method which period is taken always 100	B. Following C. Base D. Current
14	Base year weighted index number are.	A. Laspeyre's B. Paasche's C. Fisher's D. C.P.I
15	The probability of a continuous random variable at $x = a$ is -----	A. One B. Zero C. Between 0 and 1 D. More than one
16	the term 'event' is used for.	A. Time B. Subsets of the sample space C. Total number of outcomes D. Probability
17	A fair die is rolled, the sample space consists of:	A. 2 outcomes B. 6 outcomes C. 36 outcomes D. None of these
18	Hourly temperature recorded by Weather Bureau repeaters.	A. Discrete data B. Continuous data C. Secondary data D. Primary data
19	If Laspeyre's index number is 200, Paasche's index number is 200, then Fisher's index number is.	A. 100 B. 200 C. Zero D. 1000
20	The Area of trapezoid is equal to:	A. sum of parallel sides x base B. sum of parallel sides x base/2 C. 2 x base x sum of parallel sides D. Sum of parallel sides x base/4