


## Statistics Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	Which is the suitable average for calculating the average price at which articles are sold.	A. Geometric mean B. Arithmetic mean C. Harmonic mean D. Mode
2	Standard deviation is always calculate form:	A. Mean B. Median C. Mode D. All of the above
3	Co-efficient of standard deviation can be measured by the following formula	
4	Its value cannot be exactly examined.	A. Random variable B. Fixed variable C. Mathematical variable D. Variable
5	The base period in fixed base should be	A. Current year B. Normal year C. Highest year D. Lowest year
6	If n is the number of elements of a set. the total number of subsets of this set is	A. 2n B. n <sup>2</sup> C. 2 <sup>n</sup> D. n
7	Subset of sample is called:	A. Simple event B. Compound event C. Experiment D. Event
8	In measure of relative dispersion unit of measurement is.	A. Changed B. Vanishes C. Does not vanish D. None of these
9	The binomial distribution is symmetrical if	A. $p = 1/2$ B. $p > 1/2$ C. $p < 1/3$ D. $p < 1/2$
10	$F(y_1) \leq F(y_2)$ if	A. $y_1 < y_2$ B. $y_1 > y_2$ C. $y_1 < y_2$ D. $y \geq 1/2$
11	The probability distribution of discrete random variable is called is	A. Frequency distribution B. Probability distribution C. Probability mass function D. Both (a) and (b)
12	The number of ways in which a person enters by one door and leaves by a different door in a room with three doors is.	A. 6 B. 9 C. 5 D. None of these
13	The probability of an impossible event is.	A. Positive B. Zero C. Negative D. 1
14	If X and Y are independent, then $\text{Var}(X - Y)$ is equal to.	A. $\text{Var}(X) + \text{Var}(Y)$ B. $\text{Var}(X) - \text{Var}(Y)$ C. $\text{Var}(X + Y)$ D. Zero
15	In binomial experiment successive trials are:	A. Dependent B. Independent C. May be independent or dependent D. ...

		D. None of these
16	Random numbers are generated from the single digit numbers.	A. { 1,2,3,..... 10 } B. { 0, 1,2,..... 10} C. { 0,1,2,..... } D. {0,1,2,..... 9}
17	The median divides the data into	A. Two halves B. Four quarters C. Single unit D. Six parts
18	In a binomial experiment with three trials, the variable can take.	A. 2 Values B. 3 Values C. 4 Values D. 5 Values
19	Question Image 	A. 8 B. 0 C. 1/8 D. 3
20	A non - orderly arrangement of things is called:	A. Permutation B. Equally likely C. Combination D. Equally likely