Statistics Ics Part 1 Online Test

Sr	Questions	Answers Choice
1	What is the probability that a value chosen at random from a particular population is larger than the median of the popultion.	A. 0.25 B. 0.5 C. 1.0 D. 0.67
2	A frequency polygon is clsed figure which is.	A. One sided B. Two sided C. Three sided D. Many sided
3	Which of the following methods uses quantities consumed in the base period when computing a weighted index.	A. Laspeyree'method B. Paasche's method C. Fisher's method D. None of these
4	Freqeucny is denoted by	A. f B. c C. q D. p
5	Index number of the year text to the base year can be shown as	A. Q_n B. Q_{on} C. Q_{01} D. Q_{oi}
6	A portion of populatin selected for study is called.	A. Parameter B. Statistic C. Population D. Sample
7	The formula for the lower quartile is	
8	If mean = 25 and variance is also 25, then coefficient of variation is	A. 100% B. 25% C. 20% D. 10%
9	Standard deviation is always calculate form:	A. Mean B. Median C. Mode D. All of the above
10	If the occurance of one event is not effected by the occurance of other than these events are called	A. Dependent B. Independent C. Simple D. Compound events
11	Which is appropriate averege for finding the average speed of a journey.	A. Mean B. Geometric mean C. Harmonic mean D. Weighted mean
12	If the random variable x denotes the number of heads of when three distinct coins are tossed k the X assumes values.	A. 0,1,2,3 B. 1,3,3,1 C. 1,2,3 D. 1,1,1,1
13	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
14	Sum of squares of deviations of the valeus is least when deviations are taken fro.	A. Median B. Mode C. Mean D. Harmonic mean
15	Question Image	A. $y_1 = y_2$ B. $Y_1 > y_2$ D. None of these
		A. The number of difective items produced by an assembly process B. The amount of water used by a

16	Which of the following can never be described by a binomial distributions.	single housheld C. the numebr of students in the class who can answer this questions D. All of these can always be described by a binomial distribution
17	The range of the scores 19,3,140,25,95,is	A. 140 B. 137 C. 143 D. 3
18	When a distribution is symmetrical and has one mode,the highest point on the curve is called.	A. Mode B. Median C. Mean D. All of these
19	Price of commodity in current year can be represented as	A. P_{oi} B. P_{on} C. P_n D. P_i
20	If x and y are independent random variables, then E(xy)	A. E(xy) B. xE(y) C. E(x) D. E(x)E(y)