ICS Part 2 Statistics Online Test

Sr	Questions	Answers Choice
1	The mean deviation (M.D) of a normal distribution is _____.	A. 4/5 σ B. 5/4 σ C. 2/3 σ D. None of these
2	Super computers can perform more than ---------- calculations per second ?	A. 1 million B. 1 billion C. 1 trillion D. 1 lac
3	Normal distribution ranges from_____.	A. 1,2,3,.....∞ B. -∞ to +∞ C. 1,2,3,.....n D. None of these
4	For an r x c contingency table, the number of degrees of freedom are equal to:	A. rc B. r + c C. (r-1)+(c-1) D. (r-1)(c-1)
5	The shape of the chi-square distribution depends upon_____.	A. Parameters B. Number of cells C. Degrees of freedom D. Standard deviation
6	1 MB equals _____byes	A. 1,094,265 B. 1,904,265 C. 1,904,265 D. 1,048.576
7	The value of chi-square statistic is always _____.	A. Negative B. Non-negative C. Zero D. One
8	If any ultimate class frequency is negative the data will be	A. inconsistent B. consistent C. correlated D. composite
9	Another name of probability sampling is	A. quota sampling B. simple sampling C. stratified sampling D. random sampling
10	By increasing the sample size, the precision of confidence interval is:	A. Decreased B. Increased C. Constant D. Unchanged
11	A part of the population is called	A. parameter B. statistic C. sample D. both b and c
12	Level of significance is denoted by	A. 2 - α B. 3 - α C. α D. 1 - α
13	C= ----------	
14	The value of coefficient of association lies between	A. 0 and + 1 B. -1 and + 1 C. -1 and 0 D. -0.5 and + 0.5
15	Question Image	B. b_{yx} C. b_{xy} D. S_p
16	In the measurement of secular trend the moving averages	A. give the trend in a straight line B. measure the seasonal variations C. smoothes out a time series D. measure irregular fluctuations

17	Hypothesis that does not completely specify the underlying population distribution is called	A. simple hypothesis B. dual hypothesis C. composite hypothesis D. common hypothesis
18	If two attributes A and B have perfect positive association value of the coefficient of association is equal to _____.	A. +1 B. -1 C. 0 D. (r-1)(c-1)
19	Random sampling provides reliable ----------	A. values B. attributes C. variables D. estimates
20	A hypothesis that specifies all the value of parameter is called:	A. Statistical hypothesis B. Simple hypothesis C. Composite hypothesis D. None of these