ICS Part 2 Statistics Chapter 15 Online Test

Sr	Questions	Answers Choice
1	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)
2	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)
3	Question Image	A. independent B. positively associated C. negatively associated D. correlated
4	Question Image	A. 6Σd₁ B. 5Σd¹ C.
5	For a 3 x 3 contingency table, the number of cells in the table are _____.	A. 3 B. 4 C. 6 D. 9
6	The degree of relationship between the two attributes is called_____.	A. Association B. Correlation C. Contingency D. Quantitative
7	The shape of the chi-square distribution depends upon_____.	A. Parameters B. Number of cells C. Degrees of freedom D. Standard deviation
8	The value of chi-square statistic is always _____.	A. Negative B. Non-negative C. Zero D. One
9	Question Image	A. Φ² B. q² C. α² D. β²
10	The two attribute A and B are positively associated, if _____.	A. (AB) = (A)(B)/n B. (AB) < (A)(B)/n C. (AB) ≠ (A)(B)/n D. (AB) > (A)(B)/n
11	If $6\Sigma d^2/n(n^2 - 1)$ is zero, the value of r_s is _____.	A. 0.5 B. 1 C. -1 D. 0
12	A characteristic which varies in quantity from one individual to another is called a_____.	A. Association B. Correlation C. Variable D. Attribute
13	If two attributes A and B are independent, then co-efficient of association is_____.	A. -1 B. +1 C. 0 D. 0.5
14	Degree of linear relationship between two variables is called	A. regression B. association C. correlation D. disassociation
15	C= ----------	
16	Chi-square curve ranges from:	A. -∞ to +∞ B. 0 to ∞ C. -∞ to 0

		D. 0 to 1
17	n = (A) + ----------	A. (B) B. (α) C. (β) D. (A)
18	The critical region of=χ2distribution is	A. χ2 <χ2v; 1-α B. χ2 <χ2v;1-α C. χ2 <χ2 v;1-α/2 D. χ2 <χ2v;1-α/2
19	The degree of linear relationship between two variable is called_____.	A. Dependent B. Association C. Positive D. Correlation
20	When the expected frequencies are very small the value of=χ2has been	A. adjusted B. omitted C. changed D. all of these