

## ICS Part 2 Statistics Chapter 15 Online Test

Sr	Questions	Answers Choice
1	The two attributes A and B are negatively associated if	
2	$(\alpha) = (\alpha B) + \text{-----}$	A. $(A\beta)$ B. $(AB)$ C. $(\alpha\beta)$ D. $(A)$
3	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. $(r-1)(c-1)$
4	Question Image	A. $6\sum d_{sub>1</sub>}$ B. $5\sum d_{sup>1</sup>}$ C. $ $
5	Question Image	A. $\Phi_{sup>2</sup>}$ B. $q_{sup>2</sup>}$ C. $\alpha_{sup>2</sup>}$ D. $\beta_{sup>2</sup>}$
6	Chi-square curve ranges from:	A. $-\infty$ to $+\infty$ B. 0 to $\infty$ C. $-\infty$ to 0 D. 0 to 1
7	The two attribute A and B are positively associated, if _____.	A. $(AB) = (A)(B)/n$ B. $(AB) < (A)(B)/n$ C. $(AB) \neq (A)(B)/n$ D. $(AB) > (A)(B)/n$
8	$(AB)$ , $(A\beta)$ , $(\alpha B)$ , $(\alpha\beta)$ are called	A. positive class frequencies B. negative class frequencies C. natural class frequencies D. ultimate class frequencies
9	The degree of relationship between the two attributes is called_____.	A. Association B. Correlation C. Contingency D. Quantitative
10	For a 3 x 3 contingency table, the number of cells in the table are _____.	A. 3 B. 4 C. 6 D. 9
11	If $(AB) = (A)(B)/n$ , the two attributes. A and B are _____.	A. Independent B. Dependent C. Correlated D. Quantitative
12	When the expected frequencies are very small the value of $\chi^2$ has been	A. adjusted B. omitted C. changed D. all of these
13	A characteristic which varies in quality form one individual to another is called	A. variable B. constant C. attribute D. none of these
14	If $6\sum d^2/n(n^2 - 1)$ is zero, the value of $r_s$ is _____.	A. 0.5 B. 1 C. -1 D. 0
15	A process of dividing the objects into two mutually exclusive classes of an attribute is called	A. classification B. trichotomy C. dichotomy D. association
16	A characteristic which varies in quality from one individual to another is called an_____.	A. Variable B. Attribute C. Associated D. . . . .

		D. Independent
17	A characteristic which varies in quantity from one individual to another is called a_____.	A. Association B. Correlation C. Variable D. Attribute
18	The shape of the chi-square distribution depends upon_____.	A. Parameters B. Number of cells C. Degrees of freedom D. Standard deviation
19	The critical region of $\chi^2$ distribution is	A. $\chi^2 < \chi^2_{v; 1-\alpha}$ B. $\chi^2 > \chi^2_{v; 1-\alpha}$ C. $\chi^2 < \chi^2_{v; 1-\alpha/2}$ D. $\chi^2 > \chi^2_{v; 1-\alpha/2}$
20	C= -----	