

ICS Part 2 Statistics Chapter 15 Online Test

Sr	Questions	Answers Choice
1	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
2	The process of dividing the objects into two mutually exclusive classes is called _____.	A. Bichotomy B. Trichotomy C. Dichotomy D. Multichotomy
3	The total area under the curve of chi-square distribution is _____.	A. 1 B. 0.5 C. 0 to ∞ D. $-\infty$ to $+\infty$
4	For a 3 x 3 contingency table, the number of cells in the table are _____.	A. 3 B. 4 C. 6 D. 9
5	The value of chi-square statistic is always _____.	A. Negative B. Non-negative C. Zero D. One
6	The shape of the chi-square distribution depends upon _____.	A. Parameters B. Number of cells C. Degrees of freedom D. Standard deviation
7	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)
8	Chi-square curve ranges from:	A. $-\infty$ to $+\infty$ B. 0 to ∞ C. $-\infty$ to 0 D. 0 to 1
9	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)
10	If two attributes A and B are independent, then co-efficient of association is _____.	A. -1 B. +1 C. 0 D. 0.5
11	The degree of linear relationship between two variable is called _____.	A. Dependent B. Association C. Positive D. Correlation
12	If $(AB) = (A)(B)/n$, the two attributes. A and B are _____.	A. Independent B. Dependent C. Correlated D. Quantitative
13	The two attributes A and B are _____ associated, if $(AB) < (A)(B)/n$.	A. Positively B. Negatively C. Zero D. Symmetrical
14	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. $(AB) > (A)(B)/n$
15	The degree of relationship between the two attributes is called _____.	A. Association B. Correlation C. Contingency D. Quantitative

16	A characteristic which varies in quality from one individual to another is called an_____.	A. Variable B. Attribute C. Associated 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