Objective   Total Marks:17

You have four choices for each objective type of question as A, B, C, D. encircle the correct one.

Q.No:1

(i) The mean of the Standard Normal distribution is

(A) 1   (B) <1   (C) >1   (D) Zero

(ii) Normal distribution has parameters

(A) μ   (B) μ ,σ^2 (C) σ (D) n,p

(iii) Any measure calculated from the population is called

(A) Statistic   (B) Sampling   (C) Parameter   (D)None of these

(iv) The finite population correction factor is

(A) $\frac{n}{N}$ (B) $\frac{N}{n}$ (C) $\frac{N-n}{N-1}$ (D) $\sqrt{\frac{N-n}{N-1}}$

(v) The point estimator of μ is

(A) $\bar{X}$ (B) $\hat{X}$ (C) $\tilde{X}$ (D) S

(vi) If $\sum(x-\bar{X})^2$=172 and n=8 then s^2 is

(A) 21.8   (B) 21.7   (C) 21.5   (D)22.5

(vii) which of the following is a simple hypothesis:

(A) μ<30   (B) μ=30   (C) μ≠**30**   (D) μ>30

(viii) The probability of type-I error is denoted by

(A) α   (B) β   (C) v   (D)1-α

(ix) The simple linear regression coefficient is denoted by

(A) α   (B) β   (C) Y   (D) α+β

(x) The coefficient of correlation is equal to:

(A) $b_{yx}*b_{xy}$ (B) $b_{yx}*b_{yx}$ (C) $\sqrt{b_{yx}*b_{xy}}$ (D) none of these

(xi) The range of correlation coefficient "r" is

(A) -1 to zero   (B) -1 to 1   (C) 0 to 1   (D) 0 to ∞

(xii) Two attributes are independent, if

(A) Q=0   (B) Q=1   (C) Q=-1   (D) Q=2

(xiii) (r-1) (c-1) is equal to

(A) n   (B) r   (C) v   (D) Q

(xiv) The eye colour of a person is

Intermediate PART-II

(A) Attribute   (B) Variable   (C) constant   (D) none of these

(xv) The graph of the time series data is called:

(A) Ogive   (B) Historigram   (C) Frequency Polygon   (D) Pie chart

(xvi) wars, Floods, Strikes, Fires are the examples of

(A) Seasonal variations   (B) Cyclical variations   (C) irregular variations   (D) Secular Trend

(xvii) Microsoft Word, Excel and Power point is the example of

(A) Soft ware   (B) Control unit   (C) Main Memory   (D) Hard ware