Cat. No: Stat.1201   Marks: 50

Title: Basic Statistics (1+1)   Time: 2 hours

I)   **State True or False/**   (10 x 1=10)

1. Primary data comes under classification of data

2. Correlation coefficient can take any value

3. Deliberate sampling does not involve probability

Fill up the blanks with suitable answer from the brackets

4. Less than ogive and greater than ogive intersect at _____(median/mean)

5. Square root of mean square is _____(standard deviation /standard error)

6. Homogeneous sub group is _____(stratum/cluster)

Match the following

7. Type I error   Equality of means

8. F-test   Test of hypothesis

9. Primary unit   Sampling

10. Cluster   Two stage sampling

II Write short notes on any FIVE   (5 x 2=10)

1. Classification of data

2. Histogram

3. Multiplicative probability theorem

4. Regression co-efficient

5. SRSWR and SRSWOR

6. Level of significance

7. Test statistic

III Write short notes on any FIVE   (5 x 4=20)

1. Diagrammatic representation of data

2. Ideal measures of central tendency

3. Skewness and kurtosis

4. Absolute Vs relative measures

5. Stratified random sampling

6. Steps in test of hypothesis

7. Test for goodness of fit

IV Write essay on ANY ONE   (1 x 10=10)

1. Different measures of dispersion and their characters

2. One way classification of analysis of variance