·KERALA AGRICULTURAL UNIVERSITY

B.Sc (Hons.) Forestry. 2014 Admission
IInd Semester Final Examination- August-2015

Cat. No: Bash.1206   Marks: 50

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

I Fill up the blanks   (10 x 1=10)

1. X^2 test is index of _____

2. Component bar diagram is also known as _____

3. The number of observation corresponding to a particular class is known the _____ of that class

4. The variance of poison distribution is _____

5. The sum of algebraic deviation of all observations from its arithmetic mean is _____

6. Arrangement of data according to some common features are known as _____

7. Data are classified according to location, then the data are known as _____

8. In normal distribution odd order moments_____

9. The limit of regression coefficient is_____

10. The measure which is based on the two extreme observation is known as _____

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

1. Properties of normal distribution

2. Sample survey vs. Census

3. Test of significance

4. Scatter diagram

5. Mean ,median and mode

6. Data and its classification

7. One sample t test

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

1. ANOVA

2. Border effects

3. Non probability sampling

4. Steps involved for construction of frequency distribution table

5. Paired t test

6. Chi square test

7. What is correlation co-efficient? Explain properties of correlation coefficient

IV Write essay on ANY ONE

(1 x 10=10)

1. Discuss about different types of graphs with neat diagram

2. Give the lay out and analyzing procedure for RBD with 5 treatments and 4 replication

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