

Q.P.Code: 101377

Reg. No.:.....

First Year MASLP Degree Supplementary Examinations, February 2016

STATISTICS AND RESEARCH METHODS

Time : 3 hrs

Max marks : 80

- Answer all questions.

Essays

(5x16=80)

1. Describe various types of data found in research problems and how it is presented suitably. Mention suitable examples. (6+6+4)
2. The systolic blood pressure of 12 hypertensive patients was given below.
135, 180, 220, 165, 190, 154, 168, 172, 130, 165, 225, 190
Find measure of skewness and interpret the shape of distribution. (12+4)
3. What is ANOVA. How is it used in research studies. What are the conditions to be satisfied for using ANOVA (4+6+6)
4. Discuss various types of correlation. Describe any two methods of finding correlation (6+10)
5. What is stratified sampling. How is it differs from simple random sampling. (6+10)
