

**Q.P.Code: 101377**

**Reg. No.:.....**

**First Year MASLP Degree Examinations - November 2013**

**STATISTICS AND RESEARCH METHODS**

**Time : 3 hrs**

**Max marks : 80**

- Answer all questions.

**Essays**

**(5x16=80)**

1. Describe correlation with an example. Explain two types of correlation. (6+10)
2. Explain the steps by which items are chosen while constructing a test. (16)
3. The serum cholesterol levels of 10 persons are as follows:  
210, 234, 301, 198, 256, 299, 321, 285, 267, 180.  
Calculate the mean, median and standard deviation of the group. Explain the advantages and disadvantages of the median and mode. (8+8)
4. Explain the principles of sampling. Discuss any two methods of sampling. (8+8)
5. Why validity is important in a test. Explain two types of validity. (6+10)

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