

Reg. No.:.....

First Year MHA Degree Supplementary Examinations, April 2013

PAPER III-RESEARCH METHODOLOGY & BIOSTATISTICS

Time: 3 Hours

Max Marks: 100

- Answer all the questions
- Write Section A and Section B in separate answer books. Do not mix up questions from section A and section B

QP Code:103380 SECTION A – RESEARCH METHODOLOGY 50

Essay: (20)

1. Define and classify sampling. Explain stratified random sampling in detail.

Short Essay: (10)

2. Describe the various steps in research methods. Discuss explorative research in detail.

Short notes: (4x5=20)

3. List the basic principles of experimental design.
4. Histogram.
5. Importance and limitations of scientific research.
6. Primary data and one method of collecting primary data.

QP Code:104380 SECTION B - BIOSTATISTICS 50

Essay: (20)

1. Define hospital and vital statistics. Discuss in detail uses and limitations of hospital and vital statistics.

Short Essay: (10)

2. Explain three examples of two variables that are positively and negatively correlated. Suggest the suitable method for finding correlation coefficient for each pair.

Short notes: (4x5=20)

7. Define paired and unpaired tests and their uses.
8. Null hypothesis.
9. Mean, median, mode.
10. Interval estimation.
