First Year MHA Degree Examinations September 2017

PAPER III – RESEARCH METHODOLOGY & BIOSTATISTICS

(2013 Scheme)

Time: 3 Hours   **Max Marks: 100**

- **Answer all the questions**
- **Write Section A and Section B in separate answer books(32 pages)**
  Do not mix up questions from section A and section B

QP Code: 123380   **SECTION A – RESEARCH METHODOLOGY**   **50**

Essay: **(20)**
 1. "What do you mean by research and its objectives? Briefly describe
    research process and its steps."

Short Essay: **(10)**
 2. What is "universe" and "sample". Explain multistage method of sampling techniques.

Short notes: **(4x5=20)**
 3. Scientific method
 4. Descriptive design
 5. Primary data
 6. Literature review

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QP Code: 124380   **SECTION B – BIOSTATISTICS**   **50**

Essay: **(20)**
 1. Discuss various types of correlation. Calculate Karl Pearson correlation coefficient
    for the following and hence interpret.

X	10	12	11	9	12	10	12	11	10
Y	5	8	13	2	4	4	9	12	9

Short Essay: **(10)**
 2. T"Explain normal distribution with its characteristics, uses and importance."

Short notes   **(4x5=20)**
 3. Need for biostatistics
 4. Diagrammatic presentation
 5. Mean and median
 6. Standard deviation

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