First Year MHA Degree Supplementary Examinations January 2020

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**
- **Use of Ordinary Calculator is allowed**

QP Code: 123380   Section A – Research Methodology   50

Essay: **(20)**

1. Define data and analyze different ways of presenting data in research reports with suitable examples and illustrations.

Short Essay: **(10)**
2. Critically review the criteria for the selection of research problems in management.

Short notes: **(4x5=20)**
3. Interpretation and report writing
4. Stratified sampling
5. Classification of data
6. Conceptual research.

………………………………

QP Code: 124380   SECTION B – BIOSTATISTICS   50

Essay: **(20)**
1. In an anti-malaria campaign in certain area, quinine was administered to 812 persons of a population of 3248. The number of fever cases is shown below.

Treatment	Fever	Non fever
Quinine	20	792
Non quinine	220	2216

Discuss the usefulness of quinine in checking malaria. (Table value of chi – square at 5% probability level at 1 degree of freedom is 3.84)

Short Essay: **(10)**
2. What you mean by tests of significance. Explain the methods and uses in research.

Short Notes   **(4x5=20)**
3. Biostatistics
4. Standard deviation
5. Continuous series
6. Steps in testing of hypothesis

****