

First Year MHA Degree Examinations, September 2015

(2013 Scheme)

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(32 pages)
Do not mix up questions from section A and section B

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

Essay: (20)

1. Briefly describe the different steps involved in a research process.

Short Essay: (10)

2. Explain the significance of report writing and discuss the various steps involved in report writing

Short notes: (4x5=20)

3. Exploratory research design
4. Sample size
5. Errors in sampling
6. Hypothesis in research

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

Essay: (20)

1. Calculate Karl Pearson correlation coefficient between the average daily fat intake and serum cholesterol levels. Comment on the result.

Fat intake(gm/day)	10	30	20	15	45	35	50	15	40	55
Serum cholesterol(mg/dl)	150	300	250	150	450	400	425	200	350	475

Short Essay (10)

2. What you mean by testing of hypothesis. Explain the various steps in testing of hypothesis.

Short notes (4x5=20)

3. Vital statistics
4. Measures of dispersion
5. Linear regression
6. Estimation
