

Reg. No.:.....

First Year MHA Degree Examinations, December 2012

PAPER VII – BASIC MEDICAL SCIENCES & EPIDEMIOLOGY

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:110380 SECTION A -BASIC MEDICAL SCIENCES 50

Essay: (1x20=20)

1. Describe the anatomical location, anatomical relations and structure of the heart.
Diagrammatically show the major blood vessels and blood flow in the heart.

Short Essay: (1x10=10)

2. Explain sterilization methods.

Short notes: (4x5=20)

3. Meninges.
4. Insulin.
5. Amoebiasis.
6. Functions of Thyroid Hormones

QP Code:111380 SECTION B - EPIDEMIOLOGY 50

Essay: (1x20=20)

1. Describe a case control study with an example. Mention the advantages and disadvantages of case control study.

Short Essay: (1x10=10)

2. What are the functions and uses of epidemiological studies.

Short notes: (4x5=20)

3. Blinding in clinical trials.
4. Monitoring and surveillance.
5. Sensitivity and specificity.
6. DOTS therapy in tuberculosis
