

New Scheme

Reg. No.:.....

**First Year MHA Degree Regular/Supplementary Examinations
August 2019**

Paper VII – Basic Medical Sciences & Epidemiology

(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:130380

Section A – Basic Medical Sciences

50

Essay:

(20)

1. Name the divisions of the nervous system. Describe the major parts of brain and list their functions. Name the parts of a reflex arc with a diagram.

Short Essay:

(10)

2. Define sterilization and Disinfection. Classify Sterilization and explain different methods of physical sterilization

Short notes:

(4x5=20)

3. Draw a neat, labelled diagram of ECG. Mention the cause of each wave.
4. List four functions of liver and gall bladder.
5. Discuss on morphology of lepromatous leprosy.
6. Describe the lymph nodes.

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Section B – Epidemiology

50

Essay:

(20)

1. Explain in detail Tuberculosis. Add a note on DOTS therapy.

Short Essay:

(10)

2. What is randomization in randomized control trials(RCTs). Explain different methods of randomization in RCTs.

Short notes:

(4x5=20)

3. Validity and reliability of a diagnostic test.
4. Surveillance
5. Comment on World Health Day themes of 2018 and 2019.
6. Prophylaxis for Tetanus for a child and pregnant mother.
