

First Year MHA Degree Supplementary Examinations February 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. Describe the anatomy and conduction system of the heart. Add a note on the phases and factors affecting the cardiac cycle.

Short Essay:**(10)**

2. What is nephron. Explain what are the segments and their functions of the nephron.

Short notes:**(4x5=20)**

3. Blood pressure
4. Mechanism of respiration
5. Epithelium
6. Sterilization

.....**QP Code:131380****Section B – Epidemiology****50****Essay:****(20)**

1. Define disease. Describe methods of disease transmission and disease control, enumerate with example

Short Essay:**(10)**

2. Disease surveillance

Short notes:**(4x5=20)**

3. Explain iceberg theory
4. Investigation of an epidemic
5. What is primary prevention in healthcare
6. Measures taken to control tuberculosis
