

Reg. No.:.....

**First Year MHA Degree Supplementary Examinations March 2024**

**Paper VII – Basic Medical Sciences & Epidemiology**

**(Common for 2013 and 2016 Scheme)**

**Time: 3 Hours**

**Max Marks: 100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*
- *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 functions of cardiovascular system. Write in brief the types of blood group.

**Short Essay:**

**(10)**

2. Describe different types of connective tissue in the human body with examples.

**Short notes:**

**(4x5=20)**

3. Shock.
4. Calcium metabolism.
5. Filaria.
6. Water sanitation.

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**QP Code:131380**

**Section B – Epidemiology**

**50**

**Essay:**

**(20)**

1. Describe the epidemiology of influenza virus with special mention of H<sub>3</sub>N<sub>2</sub> virus. What are the surveillance and control measures for influenza virus.

**Short Essay:**

**(10)**

2. Describe the principles of screening for a disease.

**Short notes:**

**(4x5=20)**

3. Dengue.
4. Leptospirosis.
5. Lifestyle diseases.
6. Prevalence and incidence of a disease.

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