

Reg. No.:.....

**First Year MHA Degree Regular/Supplementary Examinations  
August 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 female reproductive system. Write in brief the difference between the female and male reproductive system.

**Short Essay:**

**(10)**

2. Describe mechanism of respiration and digestion in the human body with flow diagram.

**Short notes:**

**(4x5=20)**

3. Blood groups.
4. Calcium metabolism.
5. Ligaments and Tendons.
6. Common Pathogenic bacteria.

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**QP Code:131380**

**Section B – Epidemiology**

**50**

**Essay:**

**(20)**

1. Describe the Core principles of health measurement and diagnosis in epidemiology of diseases. What are the surveillance and control measures for Malaria.

**Short Essay:**

**(10)**

2. Describe the principles and applications of screening for diseases.

**Short notes:**

**(4x5=20)**

3. Respiratory infections.
4. Lifestyle diseases.
5. Yellow fever.
6. KFD.

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