

Reg. No.:.....

**First Year MHA Degree Regular/Supplementary Examinations
September 2023**

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 kidney. Write in brief the physiology of kidney and name a few diseases that disturb the normal physiology

Short Essay:

(10)

2. Describe Spinal cord with its tracts using a proper diagram

Short notes:

(4x5=20)

3. Cell division
 4. Male reproductive organs
 5. Blood coagulation
 6. Transport of gases in the human body
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Section B – Epidemiology

50

Essay:

(20)

1. Describe the epidemiology of Poliomyelitis. What are the relevant surveillance and control measures

Short Essay:

(10)

2. Describe the different types of epidemiological study designs

Short notes:

(4x5=20)

3. Cancer screening and prevention
4. HIV and antiretroviral therapy
5. Reliability
6. Odds ratio
