Reg. No.:……

First Year MHA Degree Supplementary Examinations March 2021

Paper VII – Basic Medical Sciences & Epidemiology

(2013 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. Explain in brief about central nervous system. Describe a reflex arc and its importance

Short Essay: **(10)**

2. Describe the female reproductive system

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

3. Explain body temperature regulation by skin and kidney.
4. Calcium metabolism and its related hormones.
5. Peripheral smear
6. Sterilization techniques of re-usable items in hospital.

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QP Code:131380 **Section B – Epidemiology** **50**

Essay: **(20)**

1. Describe the experimental design for an epidemiological study. What are core principles for measurement of health.

Short Essay: **(10)**

2. Define epidemiology and epidemiological triad. Explain the uses of epidemiological studies.

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

3. Discuss on validity of a test.
4. Epidemiology and prevention of scabies
5. Relative risk and attributable risk.
6. Prophylaxis for tetanus for a child and pregnant mother.

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