

Reg. No.:.....

First Year MHA Degree Supplementary Examinations January 2020

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 the endocrine system and its functioning. Name all the glands. Describe the Thyroid gland.

Short Essay:

(10)

2. Methods of Sterilization in microbiology

Short notes:

(4x5=20)

3. Describe uterus and fallopian tubes with a diagram.
4. Platelet count, RBC count and WBC – normal and abnormal values with one condition where they become abnormal.
5. Name two types of cells in the stomach with a diagram and mention its uses.
6. Describe the lymph nodes.

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Section B – Epidemiology

50

Essay:

(20)

1. Describe the problem statement in India, world, factors leading to diabetes. Describe the strategies for prevention of type II diabetes mellitus.

Short Essay:

(10)

2. Cross sectional design

Short notes:

(4x5=20)

3. Plague
4. Principles for screening of diseases
5. Enumerate modes of transmission of communicable diseases.
6. Filaria survey.
