

Q.P. CODE: 112019

Reg. No:

**First Year B.Sc Medical Microbiology & Medical Biochemistry Degree
Regular/Supplementary Examinations March 2023**

Paper II – Physiology

(2016 Scheme)

(Common for both specialty)

Time: 3 Hrs

Max. Marks: 50

- *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*

Essays:

(2x10=20)

1. Define cardiac cycle and mention the different phases in cardiac cycle. What are the main events occurring in these phases.
2. Mechanism of secretion of gastric hydrochloric acid. How is gastric secretion regulated.

Short Notes:

(2x5=10)

3. Transport of oxygen in blood.
4. Neuro endocrine reflex.

Answer briefly:

(10x2=20)

5. Function of leucocytes.
6. Micturition reflex.
7. Parts of neuron and their functions.
8. Photoreceptors.
9. Functions of large intestine.
10. Oral contraceptive pills.
11. Stretch reflex.
12. Secondary active transport.
13. Anaemia.
14. Functions of basal ganglia.
