

Q.P. CODE: 112019

Reg. No: .....

**First Year B.Sc Medical Microbiology & Medical Biochemistry Degree  
Supplementary Examinations June 2025**

**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. With the aid of a diagram, explain the mechanism of Micturition. Add a note on renal function tests.
2. Describe the composition and regulation of exocrine pancreatic secretion.

**Short Notes:**

**(2x5=10)**

3. Transport of oxygen in blood.
4. Heart sounds.

**Answer briefly:**

**(10x2=20)**

5. Classify anemia based on etiology.
6. Functions of aldosterone.
7. Functions of cerebrospinal fluid.
8. Taste pathway.
9. Properties of cardiac muscle.
10. Actions of hormones in lactation.
11. Spermatogenesis.
12. Role of hypothalamus in temperature regulation.
13. Rh incompatibility.
14. Acromegaly.

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