

QP CODE: 112012

Reg. No:

First Year B.Sc MLT Degree Supplementary Examinations

October 2025

(Anatomy and Physiology)

Physiology

(2016 Scheme)

Time: 2 Hours

Total 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*

Essay

(10)

1. Define hemostasis. Discuss the mechanism involved. Describe about intrinsic mechanism of coagulation

(1+3+6)

Short notes

(5x5=25)

2. Define GFR (Glomerular Filtration Rate). Explain the factors affecting it
3. Ionic basis of nerve action potential
4. Conducting system and spread of cardiac impulse
5. Transport of oxygen in blood
6. Composition and functions of CSF

Answer briefly

(5x3=15)

7. Principle behind pregnancy tests
8. Refractive errors of eye
9. List two important endocrine glands and their secretions
10. Functions of stomach
11. Define synapse. Discuss the steps in synaptic transmission
