

QP CODE: 122012

Reg. No:

First Year B.Sc MLT Degree Regular Examinations October 2025
Anatomy and Physiology
Physiology
(2024 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. Describe the intrinsic pathway of coagulation. Write briefly about bleeding time and clotting time. (1+5+4)

Short notes

(5x5=25)

2. Oxygen haemoglobin dissociation curve
3. Define blood pressure. Explain the short term regulation of blood pressure
4. Describe the mechanisms of transport across cell membrane
5. Explain the production, circulation and composition of cerebrospinal fluid. Add a note on lumbar puncture
6. Define Glomerular Filtration Rate (GFR) and write its normal value. Describe the factors affecting GFR

Answer briefly

(5x3=15)

7. List the functions of liver
8. Pregnancy test
9. List the functions of leucocytes
10. Physiological actions of thyroid hormones
11. List the functions of plasma proteins

CORRECTION / NO-CORRECTION FILE
--

QPCODE: 122012

Dated: 24-10-2025

Question No.2

Corrected as "Oxygen haemoglobin dissociation curve."

Corrections/Modifications/Replacement of Questions if any shall be made available to all students. Take the print out of the Correction File in such cases and distribute to all students.

(Sd/-)

CONTROLLER OF EXAMINATIONS