

First Year B.Sc MLT Degree Supplementary Examinations June 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. List the functions of RBC. Discuss the stages in erythropoiesis. Add a note on composition in blood

(3+5+2)

Short notes

(5x5=25)

2. Oxygen dissociation curve
3. Define cardiac cycle. List the phases and its duration
4. Uterine and ovarian changes in menstrual cycle
5. Functions of hypothalamus
6. Chemical regulation of respiration

Answer briefly

(5x3=15)

7. Phases of gastric juice secretion
8. Visual pathway with diagram
9. Composition and functions of bile
10. Physiology of micturition
11. Lumbar puncture
