

**First Year B.Sc MLT Degree Supplementary Examinations
February 2019**

Physiology

(2010 Scheme)

Time: 2 Hours

Total Marks: 50

- Answer all questions.
- Draw diagrams wherever necessary.

Essay

(10)

1. Describe the lung volumes and capacities. How oxygen is transported. What are the factors that shift the oxygen dissociation curve to the left. (5+3+2)

Short notes

(5X5=25)

2. Refractive errors.
3. Functions of ovaries.
4. Functions of hypothalamus.
5. Action potential.
6. Physiological actions of thyroxin.

Answer briefly

(5x3=15)

7. Types of synapse.
8. GFR.
9. ESR.
10. Refractory period.
11. Heart sounds.
