

QP CODE: 112012

Reg. No:

**First Year B.Sc MLT Degree Regular/Supplementary Examinations
August 2019**

(Anatomy and Physiology)

Physiology

(2016 Scheme)

Time: 2 Hours

Total Marks: 50

- Answer all questions.
- Draw diagrams wherever necessary.

Essay

(10)

1. Explain mechanism of oxygen transport. Draw an oxygen dissociation curve and explain factors shifting it to the right. Define hypoxia. (5+3+2)

Short notes

(5x5=25)

2. Explain regulation of blood calcium. Add a note on tetany.
3. Explain normal ECG with the help of a diagram. What are the clinical uses of ECG.
4. Explain phases of gastric secretion and its regulation.
5. What are the major hormones of the anterior pituitary. Explain functions of growth hormone
6. Describe functions of testes.

Answer briefly

(5x3=15)

7. Functions of kidney.
8. Refractory period
9. Anticoagulants.
10. Sarcomere.
11. Reflex action.
