

QP CODE: 112012

Reg. No:

**First Year B.Sc MLT Degree Supplementary Examinations
February 2020**

(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 cardiac cycle. Describe the phases of cardiac cycle. Add a note on Heart sounds. (1+6+3)

Short notes

(5x5=25)

2. Describe the functions and regulation of pancreatic juice
3. Explain abnormalities of sex differentiation.
4. What are the refractive errors of the eye. How are they corrected.
5. Define GFR. What is the normal value. Explain the factors regulating GFR.
6. Describe the blood group systems. What is Landsteiners law.

Answer briefly

(5x3=15)

7. Define synapse and mention the types.
8. What is diuresis. Name two diuretics.
9. Name the primary taste sensations
10. What are the functions of CSF
11. Define tidal volume. What is the normal value.
