

QP CODE: 112012

Reg. No: .....

**First Year B.Sc MLT Degree Supplementary Examinations  
November 2021**

**(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 GFR. Give its normal value. What are the factors regulating it. (1+1+8)

**Short notes**

**(5x5=25)**

2. Describe the composition and functions of CSF.
3. Describe the intrinsic mechanism of coagulation of blood.
4. Describe the action potential of a neuron.
5. How is urine acidified
6. What are the mechanisms of temperature regulation

**Answer briefly**

**(5x3=15)**

7. What is lumbar puncture
8. What are the primary taste sensations
9. Actions of PTH.
10. Tests of pregnancy.
11. Bleeding and clotting time

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