

Q.P. CODE: 112019

Reg. No:

**First Year B.Sc Medical Microbiology & Medical Biochemistry Degree
Supplementary Examinations December 2021**

Paper II – Physiology

(2016 Scheme)

(Common for both specialty)

Time: 3 Hrs

Max. 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*

Essays:

(2x10=20)

1. Define blood pressure. Write normal value. List the factors regulating blood pressure. Explain briefly the mechanisms of short term regulation of blood pressure.
2. List the hormones produced by pituitary gland. Explain the functions of posterior pituitary hormones.

Short Notes:

(2x5=10)

3. Blood coagulation.
4. Define GFR. Write the normal value. Explain the factors determining GFR

Answer briefly:

(10x2=20)

5. Structure of neuron
6. Taste pathway
7. Artificial respiration
8. Sarcomere
9. Four functions of saliva
10. Milk ejection reflex
11. Sex determination
12. Functions of skin
13. Heart sounds
14. Define and classify hypoxia
