

Q.P. CODE: 112019

Reg. No:

**First Year B.Sc Medical Microbiology & Medical Biochemistry Degree
Supplementary Examinations April 2018**

Paper II – Physiology

(2016 Scheme)

(Common for both specialty)

Time: 3 Hrs

Max. Marks: 50

- Answer all questions
- Draw diagram wherever necessary

Essays:

(2x10=20)

1. Define glomerular filtration rate. Explain the factors regulating GFR.
2. With the help of a diagram describe neuromuscular junction. Explain the mechanism of neuromuscular transmission.

Short Notes:

(2x5=10)

3. Define stroke volume. Discuss the factors affecting stroke volume.
4. Describe the physiological changes seen during pregnancy. Add a note on temporary contraceptive methods.

Answer briefly:

(10x2=20)

5. Functions of cerebrospinal fluid
6. Hormones involved in lactation
7. Peristalsis
8. Resting membrane potential
9. Cyanosis
10. Rh blood group
11. Haldane effect
12. Hypermetropia
13. Functions of plasma proteins
14. Peptic ulcer
