

Q.P. CODE: 102019

Reg. No:

**First Year B.Sc Medical Microbiology Degree Supplementary
Examinations November 2017**

Paper II – Physiology

(2014 Scheme)

Time: 2 Hrs

Max. Marks: 50

- Answer all questions
- Draw diagram wherever necessary

Essays: (15)

1. Explain the neural and chemical regulation of respiration. Add a note on artificial respiration (6+5+4)

Short essay: (10)

2. Formation, circulation and functions of CSF. Add a note on lumbar puncture. (2+3+3+2)

Short notes: (3x5=15)

3. Structure and functions of neutrophil
4. List the functions of liver
5. Briefly explain the mechanism of muscle contraction

Answer briefly: (5x2=10)

6. Heart sounds
7. Actions of antidiuretic hormone
8. Mechanism of reabsorption of glucose from renal tubule
9. Ovulation
10. Hypoxic hypoxia
