

**Q.P. CODE: 112019**

**Reg. No: .....**

**First Year B.Sc Medical Microbiology & Medical Biochemistry Degree  
Supplementary Examinations April 2019**

**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 hypoxia. Describe the neural regulation of respiration.
2. Describe the functions of thyroid hormones. Add a note on cretinism.

**Short Notes:**

**(2x5=10)**

3. Briefly describe the mechanism of skeletal muscle contraction.
4. With the help of a diagram describe a normal ECG.

**Answer briefly:**

**(10x2=20)**

5. Micturition reflex
6. Heart sounds
7. Functions of saliva
8. Primary taste sensations
9. Steps of spermatogenesis
10. Baroreceptor reflex
11. Structure of neuron
12. Organ of Corti
13. Cell mediated immunity
14. Myopia

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