

Q.P. Code: 115004

Reg. No.:.....

First BHMS Degree Supplementary Examinations March 2019

**Physiology & Biochemistry II
(2015 scheme)**

Time: 3 hrs

Max marks: 100

- **Answer all questions**
- **Draw diagram wherever necessary**

Long Essay

(2x15=30)

1. Name the thyroid hormones. Describe the biosynthesis and functions of thyroid hormones. (2+5+8)
2. What are the sources of vitamin C. Describe its functions and mention signs and symptoms of vitamin C deficiency. (3+4+8)

Short Essay

(5x8=40)

3. Function of hypothalamus
4. Composition and function of saliva
5. Glycolysis
6. B-oxidation of fatty acids
7. Photochemistry of vision

Short notes

(10x3=30)

8. Factors controlling blood glucose level
9. Basal metabolic rate
10. Cori cycle
11. Classification of carbohydrates with examples
12. Essential amino acids
13. Functions and deficiency signs of vitamin A
14. Neurotransmitters
15. Synapse
16. Functions of testosterone
17. Oxytocin
