

Q.P. Code: 115004

Reg. No.:.....

First BHMS Degree Examinations November 2017

**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 hormones of the thyroid glands. Describe the functions of thyroxine and features of hyperthyroidism (2+10+3)
2. Discuss the sources, daily requirement, functions and deficiency manifestations of vitamin D (2+2+6+5)

Short Essay (5x8=40)

3. Functions of basal ganglia and diseases due to its lesion
4. Digestion and absorption of lipids
5. Auditory pathway
6. Beta oxidation of fatty acids
7. TCA cycle

Short notes (10x3=30)

8. Cushing disease
9. HCG
10. Neuron
11. Reflex arc
12. Glycogenolysis
13. High density lipoprotein
14. Co-enzymes
15. Pellagra
16. Tetany
17. Liver function tests
