

Q.P. Code: 115004

Reg. No.:.....

First BHMS Degree Examinations October 2018

**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 anterior pituitary gland. Describe the functions and clinical disorders of growth hormone. (3+8+4)
2. Define carbohydrate. Describe the classification of carbohydrate with example. Write note on Oral Glucose Tolerance Test and its importance (2+8+5)

Short Essay

(5x8=40)

3. Basal ganglia – structures, functions and its applied physiology.
4. Composition and functions of pancreatic juice.
5. Visual pathway.
6. Kreb's cycle.
7. Enzyme and its classification

Short notes

(10x3=30)

8. Functions of thalamus
9. Synapse and its types
10. Functions of placenta
11. Hypothyroidism
12. Functions and disorders of vitamin D
13. Beta oxidation of fatty acid
14. Ketogenesis.
15. Urea cycle
16. Functions and disorders of vitamin C
17. Conjugated protein
