

Q.P. Code: 115004

Reg. No.:.....

First BHMS Degree Supplementary Examinations November 2024

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

Time: 3 hrs

Max marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answer*
- *Draw diagram wherever necessary*

Long Essay

(2x15=30)

1. Enumerate the hormones secreted by pituitary gland. Describe the action and regulation of secretion of growth hormone. Write a note about hypersecretion of pituitary gland (4+6+5).
2. Explain Beta oxidation of fatty acids with enzymes involved in each reaction. How many ATP are produced by oxidation of palmitic acid (12+3)

Short Essay

(5x8=40)

3. Mechanism of secretion of gastric juice
4. Urea cycle
5. Describe the origin, course and termination of the Pyramidal Tract.
6. Enzyme inhibition
7. Write a note on Errors of Refraction.

Short notes

(10x3=30)

8. Scurvy
9. Neuron
10. Plantar Reflex
11. Insulin
12. Functions of Calcium.
13. Neoglucogenesis
14. Conn's Syndrome
15. Lipoprotein
16. Cori's Cycle
17. Aromatic Amino acids.
