

Q.P. Code: 115004

Reg. No.:.....

First BHMS Degree Regular/Supplementary Examinations March 2021

**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. Classify the hormones of adrenal gland. Describe the actions, regulation and clinical disorders of glucocorticoids. (3+6+2+4)
2. Classify fatty acids. Explain β oxidation of fatty acids. Add a note on its regulation. (5+8+2)

Short Essay

(5x8=40)

3. Nucleus and functions of hypothalamus.
4. Composition and functions of gastric juice.
5. Auditory pathway.
6. Name the fat soluble vitamins. Describe the functions and disorders of vitamin A
7. Classification amino acids

Short notes

(10x3=30)

8. Neurotransmitters.
9. Upper motor neuron and its lesion.
10. Functions of oestrogen.
11. Parathyroid hormone.
12. Functions and disorders of vitamin K.
13. Beriberi
14. Basal Metabolic Rate
15. Cori cycle.
16. Glycosuria
17. Polysaccharides
