

Q.P. Code: 115004

Reg. No.:.....

First BHMS Degree Supplementary Examinations October 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. Name the hormones secreted from the adrenal cortex. Mention functions of glucocorticoids and describe clinical features due to excess of glucocorticoid hormone. (3+8+4)
2. What are sources of Vitamin A. Mention in brief about function and deficiency signs and symptoms of Vitamin A. (3+4+8)

Short Essay

(5x8=40)

3. Glycogenolysis
4. Beta oxidation of fatty acid
5. Dark and light adaptation of vision
6. Phases of deglutition
7. Classification of receptors

Short notes

(10x3=30)

8. Upper motor neuron
9. Cerebrospinal fluid
10. Functions of progesterone
11. Stages of spermatogenesis
12. Coenzymes
13. Vitamin B₁₂ deficiency
14. Essential amino acids
15. Gluconeogenesis
16. Function of Calcium
17. Cori's cycle
