

Q.P. Code: 115004

Reg. No.:.....

First BHMS Degree Regular/Supplementary Examinations October 2019

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

Time: 3 hrs

Max marks: 100

- Answer all questions
- Draw diagram wherever necessary

Long Essay

(2x15=30)

1. List 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. Functions of cerebellum and signs of cerebellar lesions
4. Constituents of bile with their function
5. Explain urea cycle
6. Factors regulating rate of enzyme catalysed reaction
7. Errors of refraction

Short notes

(10x3=30)

8. Basal metabolic rate
9. Ketone bodies
10. Essential fatty acids
11. Oral glucose tolerance test
12. Types of protein on basis of structure
13. Functions and deficiency signs of vitamin D
14. Cerebrospinal fluid
15. Functions of basal ganglia
16. Tetany
17. Spermatogenesis
