

Q.P. Code: 115004

Reg. No.:.....

First BHMS Degree Supplementary Examinations March 2020

**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 functions of growth hormone and add a note in detail about metabolic functions. What are features of hypersecretion. (5+5+5)
2. Discuss the sources, daily requirement, functions and deficiency manifestations of iron (3+2+7+3)

Short Essay

(5x8=40)

3. Describe the origin, course, termination and function of the pyramidal tract
4. Composition and function of bile
5. Errors of refraction and its correction
6. Glycolysis
7. Urea cycle

Short notes

(10x3=30)

8. Ovulation
9. Pheochromocytoma
10. Neuroglia
11. Synapse
12. Neoglucogenesis
13. Essential fatty acids
14. Sucrose
15. Beriberi
16. Ketone bodies.
17. Competitive inhibition
