

Q.P. Code: 115004

Reg. No.:.....

First BHMS Degree Supplementary Examinations April 2018

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

Time: 3 hrs

Max marks: 100

- Answer all questions
- Draw diagram wherever necessary

Long Essay

(2x15=30)

1. Name the hormones of thyroid gland. Describe the synthesis, functions and regulation of thyroxine hormone. Add a note on goitre. (2+3+5+2+3)
2. Describe the pathway of glycogenolysis. Add a note on phospholipids and its importance. (10+5)

Short Essay

(5x8=40)

3. Various lobes and functions of cerebrum.
4. Describe the composition and functions of saliva.
5. Write note on rods and cones. Describe the common errors of refraction.
6. Classification of protein with example.
7. Fatty acid and its classification

Short notes

(10x3=30)

8. Regulation of blood sugar.
9. Reflex action and reflex arc.
10. Differentiate the secondary sexual characters.
11. Cerebrospinal fluid.
12. Functions and disorders of vitamin E.
13. Diabetes mellitus.
14. Proteinuria.
15. Specific dynamic action.
16. Factors affecting respiratory quotients.
17. Balanced diet
