

Q.P. Code: 115004

Reg. No.:.....

**First BHMS Degree Regular/Supplementary Examinations
February 2022**

Physiology & Biochemistry II

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 hormones secreted by pituitary gland. Describe the actions and regulation of secretion of growth hormone. (4+8+3)
2. Describe the various steps in glycolytic pathway. Write note on diabetes mellitus. (10+5)

Short Essay

(5x8=40)

3. Classify thalamic nuclei and explain the functions of thalamus. (4+4)
4. Composition and functions of gastric juice.
5. Explain visual receptors. Describe the common errors of refraction.
6. Kreb's cycle.
7. Classification of enzymes.

Short notes

(10x3=30)

8. Functions of basal ganglion.
9. Properties of reflexes.
10. Functions of estrogen.
11. Hyperthyroidism.
12. Functions and deficiency of vitamin – D.
13. Classification of fatty acid.
14. Essential amino acids.
15. Functions of Calcium
16. Scurvy.
17. Polysaccharides.
