

First BHMS Degree Supplementary Examinations March 2025
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. Describe the origin, courses, relations, termination and functions of tract of goll and burdach. Write about the Brown - Sequard syndrome (10+5)
2. a) Define and classify carbohydrate and add a note on its functions (2+5+3)
 b) Oral glucose tolerance test. (5)

Short Essay**(5x8=40)**

3. Synthesis and function of thyroxine (4+4)
4. Regulation of blood calcium.
5. Composition and functions of pancreatic juice (4+4)
6. Kreb's cycle
7. Name the fat-soluble vitamins. Describe the functions and disorders of vitamin – A (2+2+4)

Short notes**(10x3=30)**

8. Vitamin – C
9. Beriberi
10. Taste buds
11. Deafness
12. Parkinson Disease
13. Functions of Placenta
14. Synapse
15. keto genesis
16. Diabetes Insipidus
17. Dwarfism
