



**BIOCHEMISTRY – II**

**Paper – II (Revised Scheme – 2)**

**Q.P. CODE: 9815**

Your answers should be specific to the questions asked.  
Draw neat, labeled diagrams wherever necessary.

**LONG ESSAY**

**2 X 20 = 40 Marks**

1. Give a detailed account of hormonal regulation of blood glucose level. Add a note on diagnostic criteria for Diabetes mellitus. Explain GDM.
2. Describe the sources, daily requirement, functions and deficiency symptoms of Vitamin D.

**SHORT ESSAY**

**6 X 10 = 60 Marks**

3. What is Gout? Describe the types, causes, clinical findings and treatment of Gout.
4. Nephelometry
5. Oncogenes
6. Disorders of Copper metabolism
7. Explain Iron Absorption and its disorders.
8. Define Enzymes. Write the factors affecting Enzyme activity.

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