



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. Discuss enzyme kinetics. Add a note on the various factors affecting enzyme activity.
2. Write notes on the biosynthesis and regulation of purine nucleotides. Explain Gout.

SHORT ESSAY

6 X 10 = 60 Marks

3. Clinical implications of Aminoacidurias
4. Sources, RDA, functions and disease states of copper
5. Diabetes mellitus
6. Luminometry
7. Vitamin B₃
8. Association of lipids and lipoproteins with coronary heart diseases

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