



Time: Three Hours

Max. Marks: 50 Marks

Biochemistry – Paper I (RS2 & RS3)

QP Code: 1079

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

(Note: Both QP Codes 1079 and 1080 are to be, answered within total duration of three hours)

(Use separate Answer books for QP Code 1079 & 1080)

LONG ESSAYS

1 x 10 = 10 Marks

1. Describe how ammonia is formed and detoxified in the body.

SHORT ESSAYS

5 x 5 = 25 Marks

2. Describe the various type of enzyme inhibition giving suitable examples.
3. Glycogenolysis
4. Define active transport. Explain the different types of active transport with suitable examples.
5. Significance of Hexose Mono Phosphate shunt pathway.
6. What are Xenobiotics? Give an account of phase two detoxification reactions

SHORT ANSWERS

5 x 3 = 15 Marks

7. Biologically important compounds formed from glycine
8. Free radical scavenging systems
9. Uncouplers of oxidative phosphorylation
10. Pyruvate dehydrogenase complex
11. Oncogenes
