

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS Phase - I Degree Examination - SEP-2018

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

Describe how ammonia is formed and detoxified in the body.

SHORT ESSAYS 5 x 5 = 25 Marks

- Describe the various type of enzyme inhibition giving suitable examples.
- Glycogenolysis
- Define active transport. Explain the different types of active transport with suitable examples.
- 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

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

