

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS Phase – I Degree Examination - 19-Aug-2024

Time: Three Hours**Max. Marks: 50 Marks**

BIOCHEMISTRY – PAPER I (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. What is the normal serum total cholesterol level? Name four biologically important compounds formed from cholesterol. Describe the transport of cholesterol from liver to peripheral tissues and back.

SHORT ESSAYS**5 x 5 = 25 Marks**

2. Significance of HMP shunt pathway.
3. Formation and utilization of ketone bodies.
4. Fatty liver.
5. Urea cycle.
6. What are the biochemical derangements in diabetes mellitus? Add a note on glycosylated haemoglobin.

SHORT ANSWERS**5 x 3 = 15 Marks**

7. Essential fatty acids
8. Lactose intolerance.
9. Fluorosis.
10. Beri Beri
11. Active transport.
