

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS Phase – I Degree Examination - 05-May-2022

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. Write the steps of β -oxidation of palmitic acid. Add a note on energetics.

SHORT ESSAYS

5 x 5 = 25 Marks

2. Formation and utilization of ketone bodies.
3. Urea cycle.
4. Homopolysaccharides.
5. Substrate level Phosphorylation
6. Isoenzymes

SHORT ANSWERS

5 x 3 = 15 Marks

7. Biochemical function and markers of Mitochondria
8. Lactose intolerance.
9. Anapleurotic reactions
10. Markers of carcinoma prostate
11. Essential fatty acids.
