

# Rajiv Gandhi University of Health Sciences, Karnataka

**MBBS Phase – I Degree Examination - 31-Mar-2021**

**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. Describe the pathway of glycolysis. How is it regulated? Add a not eon Rappaport – Leubering cycle

### **SHORT ESSAYS**

**5 x 5 = 25 Marks**

2. Formation and utilization of Ketone Bodies
3. Absorption and transport of Iron
4. Biochemical role of Vitamin D
5. Classification of enzymes with examples
6. Compounds derived from Tyrosine

### **SHORT ANSWERS**

**5 x 3 = 15 Marks**

7. Functions of phospholipids
8. Inhibitors of electron transport chain
9. Biological active peptides
10. Lysosomes
11. Phase I reactions of biotransformation

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