



**Rajiv Gandhi University of Health Sciences, Karnataka**  
**MBBS Phase – I Degree Examination - 28-Nov-2020**

**Time: Three Hours**

**Max. Marks: 50 Marks**

**BIOCHEMISTRY – PAPER II (RS3)**

**Q.P. CODE: 1080**

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 range of blood pH? Discuss in detail the role of kidneys in pH regulation. Add a note on metabolic acidosis.

**SHORT ESSAYS**

**5 x 5 = 25 Marks**

2. Mutation
3. Polymerase Chain Reaction
4. Biochemical functions and deficiency manifestations of Vitamin A
5. Structure and functions of immunoglobulins
6. Heme biosynthesis

**SHORT ANSWERS**

**5 x 3 = 15 Marks**

7. Biological role of copper in the body
8. Clearance tests
9. Protein energy malnutrition
10. Pellagra
11. Structure of tRNA

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