

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS Phase – I Degree Examination – 19-08-2024

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. Describe the process of Eukaryotic DNA replication. Enumerate different types of DNA repair mechanisms

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

2. Types and applications of PCR
3. Role of kidney in Acid-Base balance
4. Formation and fate of Bilirubin
5. Diagnostic importance of Liver enzymes
6. Immunoglobulins.

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

7. Dietary fiber
8. Ribosomal RNA
9. Basal metabolic rate
10. Free radicals
11. Name any three tumor markers and write their importance
