

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS Phase – I Degree Examination - 30-Sep-2021

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 blood pH? Discuss the various mechanisms by which the blood pH is maintained.

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

2. Replication of DNA.
3. Regulation of blood calcium.
4. Biochemical functions and deficiency manifestations of Thiamine.
5. Genetic code.
6. Heme biosynthesis.

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

7. t-RNA.
8. Detoxification by conjugation
9. Reverse transcriptase
10. Fluorosis
11. Avidin.
