

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS Phase – I Degree Examination - 07-Feb-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. Write in detail about heme synthesis and its regulation. Add a note on Acute intermittent porphyria

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

2. Biochemical functions and deficiency manifestations of Ascorbic acid.
3. Structure and functions of immunoglobulins.
4. Renal regulation of blood pH.
5. Dietary fibre.
6. Recombinant DNA Technology.

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

7. **Interpretation of Van den Bergh test**
8. Polymerase Chain Reaction
9. Causes of metabolic acidosis.
10. oncogene
11. Write the reference values of i) Serum calcium ii) Serum uric acid iii) Serum total protein
