

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS Phase – I Degree Examination - 05-May-2022

Time: Three Hours

Max. Marks: 50 Marks

BIOCHEMISTRY – PAPER II (RS3)

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

SHORT ESSAYS

5 x 5 = 25 Marks

2. Biochemical functions, recommended dietary allowance and the deficiency of thiamine
3. Mutation
4. Dietary fibre.
5. Salvage pathway of purine nucleotides with the clinical disorders associated with it.
6. Outline the degradation of heme and excretion of products of degradation

SHORT ANSWERS

5 x 3 = 15 Marks

7. Bile salts and bile pigments in the diagnosis of various types jaundice
8. Oncogene.
9. Orotic aciduria
10. Functions of albumin.
11. Clearance test.
