

# Rajiv Gandhi University of Health Sciences, Karnataka

## MBBS Phase – I Degree Examination - JULY-2018

Time: Three Hours

Max. Marks: 50 Marks

### Biochemistry – Paper II (RS2 & 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. How is Uric acid formed from purine and add a note on Hyperuricemia.

#### SHORT ESSAYS

**5 x 5 = 25 Marks**

2. Structure and function of tRNA
3. Vitamin A deficiency manifestations and it's RDA
4. BMR
5. Erythrocytes in acid base balance
6. Heme biosynthesis

#### SHORT ANSWERS

**5 x 3 = 15 Marks**

7. Role of selenium
8. Vandenberg test
9. Vectors in recombinant DNA technology
10. Types of immunoglobulin and their function
11. Acute intermittent Porphyria

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