



# Rajiv Gandhi University of Health Sciences, Karnataka

**I B.D.S Degree Examination - DEC 2016**

**Time: Three Hours**

**Max. Marks: 35 Marks**

## **BIOCHEMISTRY, NUTRITION & DIETICS**

**Q.P. CODE: 1180**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

**(Note: Both QP Codes 1179 and 1180 are to be, answered within total duration of three hours)**

### **LONG ESSAYS**

**1 x 10 = 10 Marks**

1. Describe in detail the sources, absorption, functions and factors regulating blood calcium level. Discuss deficiency manifestation of Calcium.

### **SHORT ESSAYS**

**3 x 5 = 15 Marks**

2. Describe Urea cycle. Write the causes of Uremia.
3. Classify phospholipids with examples. Mention their functions.
4. Describe Glycogenesis and its regulation.

### **SHORT ANSWERS**

**5 x 2 = 10 Marks**

5. Pellagra
6. Alkaptonuria
7. Semi-essential aminoacids
8. Pro-vitamins
9. BMR

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