

# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Aug 2013

Time: 3 Hours

Max. Marks: 30 Marks

## Biochemistry

**Q.P. Code : 1756**

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary  
**(Note : Both QP Codes 1755 and 1756 are to be answered within total duration of 3 hours)**

### **LONG ESSAYS (Answer any One)**

**1 x 10 = 10 Marks**

1. Give the IUB classification of enzymes with two examples for each class.
2. Give the sources, functions, deficiency manifestations and RDA of Vitamin C.

### **SHORT ESSAYS (Answer any Two)**

**2 x 5 = 10 Marks**

3. Deficiency manifestations of vitamin A.
4. Urea cycle.
5. Functions of plasma proteins.

### **SHORT ANSWERS**

**5 x 2 = 10 Marks**

6. Essential amino acids.
7. Rothera's test.
8. Mention two proteolytic enzymes.
9. Name the coenzyme form of Thiamine and Pyridoxine.
10. Normal blood levels of cholesterol and urea.

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