

# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – September 2014

**Time: 3 Hours**

**Max. Marks: 40 Marks**

## **Biochemistry** **Q.P. Code : 1678**

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary

**(Note : Both QP Codes 1677 and 1678 are to be answered within total duration of 3 hours)**

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

**1 x 10 = 10 Marks**

1. Describe the various steps of Glycolysis and add a note on its energetics.
2. Discuss urea cycle. Add a note on its disorders

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

**4 x 5 = 20 Marks**

3. Hormonal Regulation of blood Glucose
4. Protein calorie malnutrition
5. Essential amino acids
6. Digestion and absorption of carbohydrates
7. Respiratory alkalosis

### **SHORT ANSWERS**

**5 x 2 = 10 Marks**

8. Glycosuria
9. Functions of oxytocin and vasopressin
10. Pernicious anemia
11. Coenzymes
12. Enzymes elevated in myocardial Infarction.

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