

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – APRIL 2015

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.
