

Rajiv Gandhi University of Health Sciences, Karnataka

1 year B.Sc. Nursing (PC) Degree Examination – Aug 2013

Time: 3 Hours

Max. Marks: 38 Marks

Biochemistry

Q.P. Code : 1739

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary
(Note : Both QP Codes 1739 and 1740 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. Define oxidative phosphorylation. Describe the components of electron transport chain
2. Describe the regulation of blood sugar level

SHORT ESSAYS (Answer any Four)

4 x 5 = 20 Marks

3. Give an account of digestion and absorption of lipids
4. Glycogenolysis
5. Functions of plasma proteins
6. Urea cycle
7. What are isoenzymes? Give two examples with their clinical importance

SHORT ANSWERS

4 x 2 = 8 Marks

8. Write the normal range of (a) Blood urea (b) Serum creatinine
9. Mitochondria
10. Name ketone bodies and test for detection of ketone bodies
11. Define Gluconeogenesis

