

Rajiv Gandhi University of Health Sciences, Karnataka
I Year B.Sc. Nursing Degree Examination – Mar 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. Describe the reactions of gluconeogenesis? Mention its significance.
2. What are the different types of enzyme inhibition? Explain with suitable examples.

SHORT ESSAYS (Answer any Two) 2 x 5 = 10 Marks

3. Glucose tolerance test
4. Isoenzymes and their clinical significance
5. Functions of vitamin 'c'

SHORT ANSWERS 5 x 2 = 10 Marks

6. What is the daily requirement of vitamin A and D.
7. Primary structure of proteins
8. Active transport
9. Define Km value. What is its significance?
10. Give the normal levels of serum cholesterol and triglycerides
