

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – APRIL 2017

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 sources, biochemistry, functions, requirement and deficiency manifestations of Vitamin A.
2. Describe the reactions of the urea cycle. Add a note on disorders of Urea Cycle.

SHORT ESSAYS (Answer any Two)

2 x 5 = 10 Marks

3. Secondary structure of proteins.
4. Ketone bodies
5. Reducing Disaccharides.

SHORT ANSWERS (Answer all)

5 x 2 = 10 Marks

6. Essential amino acids
7. HLA Antigen
8. Beriberi
9. Anti-oxidant
10. Give the normal blood levels of - Urea and Creatinine.
