

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – APRIL-2018

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 OP 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, biochemical functions, requirement and deficiency manifestations of Vitamin C.
2. Describe the structural organization of proteins. Add a note on the importance of primary structure.

SHORT ESSAYS (Answer any Two)

2 x 5 = 10 Marks

3. Fluid mosaic model of cell membrane
4. Metabolic acidosis
5. Urea cycle

SHORT ANSWERS (Answer all)

5 x 2 = 10 Marks

6. Define essential fatty acids and give examples.
7. Mention two enzymes of diagnostic importance in liver diseases.
8. Coenzyme forms of Thiamine and Pantothenic acid
9. Mention two causes of Glycosuria.
10. Give the normal values of
 - a. Serum Creatinine
 - b. Serum Urea
