

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – <<>>

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 aerobic glycolysis. Add a note on its energetic
2. Describe the sources, R D A, biochemical functions and deficiency manifestations of vitamin A

SHORT ESSAYS (Answer any Four)

4 x 5 = 20 Marks

3. Lipoproteins
4. Respiratory and metabolic acidosis
5. Important compounds formed from the amino acid tyrosine
6. Physico-chemical functions of pyridoxine
7. Creatinine clearance test

SHORT ANSWERS

5 x 2 = 10 Marks

8. Tests for protein in urine
9. Essential fatty acids
10. Pellagra
11. Disaccharides
12. Mention the normal serum levels of
a) Calcium (b) Total bilirubin (c) Cholesterol
