

Rajiv Gandhi University of Health Sciences, Karnataka

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

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 the sources, RDA, Functions and deficiency manifestations of Vitamin C
2. Describe the various steps involved in TCA cycle and add a note on its energetics.

SHORT ESSAYS (Answer any Four)

4 x 5 = 20 Marks

3. Structure and functions of Disaccharides
4. Classification of proteins based on their functions
5. Name phospholipids and mention their functions
6. Functions of calcium
7. Metabolic acidosis

SHORT ANSWERS

5 x 2 = 10 Marks

8. Benedict Test
9. Name ketone bodies
10. Name the anticoagulants used for the collection of blood
11. Normal serum levels of (a) Creatinine (b) cholesterol
12. Denaturation of proteins
