

NURSB - 1749 - NUTRITION & BIOCHEMISTRY - TP2 (SEPTEMBER-2013)_AUGUST-2013 (OCT-13).doc

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Aug 2013

Time: 3 Hours

Max. Marks: 40 Marks

Biochemistry

Q.P. Code : 1749

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary
(Note : Both QP Codes 1748 and 1749 are to be answered within total duration of 3 hours)

LONG ESSAYS (Any One)

1 x 10 = 10 Marks

1. Discuss Tricarboxylic acid (TCA) cycle. Add a note on its energetics
2. Describe the sources, R D A, biochemical functions and deficiency manifestations of Ascorbic acid (Vitamin C).

SHORT ESSAYS (Any Three)

3 x 5 = 15 Marks

3. Lipoproteins
4. Urea cycle
5. Renal regulation of Acid – Base Balance
6. Biochemical functions of calcium

SHORT ANSWERS

5 x 3 = 15 Marks

7. Pellaagra
8. Essential fatty acids
9. Metabolic Acidosis
10. Starch
11. Mention the normal serum levels of
a) Sodium b) Pottasium c) Chloride
