

NURSB - 1749 - NUTRITION & BIOCHEMISTRY - TP2 (MAR_APR-2014)_APRIL-2014 (APR-14).doc

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – April 2014

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 Beta – oxidation of Fatty acids. Add a note on its energetics
2. Describe the sources, R D A, biochemical functions and deficiency manifestations of vitamin A

SHORT ESSAYS (Any Three)**3 x 5 = 15 Marks**

3. Hormonal regulation of blood sugar levels
4. Biologically important compounds formed from the aminoacid Glycine
5. Glycogenolysis
6. Factors influencing enzyme activity

SHORT ANSWERS**5 x 3 = 15 Marks**

7. Essential aminoacids
8. Beri beri
9. Glycosuria
10. Respiratory acidosis
11. Mention the normal serum levels of
 - a) calcium
 - b) Phosphorous
 - c) Creatinine
