

NURSB - 1756 - NUTRITION & BIOCHEMISTRY - TP2 (APRIL-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: 30 Marks****Biochemistry****Q.P. Code : 1756**

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary

(Note : Both QP 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 D.
2. What are ketone bodies? How are they formed and utilized in the body?

SHORT ESSAYS (Answer any Two)**2 x 5 = 10 Marks**

3. Denaturation of proteins
4. Essential Fatty Acids
5. Why is sucrose a non reducing sugar?

SHORT ANSWERS**5 x 2 = 10 Marks**

6. Anomers
7. Ketone bodies
8. Name the bile salts and their function
9. Benedict's test
10. Give the normal levels of serum calcium and blood urea
