

NURSB - 1748 - NUTRITION & BIOCHEMISTRY - TP1 (AUGUST-2009)_AUGUST-09 (OCT-09).doc

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing Degree Examination – Aug / Sept 2009

Time: Three Hours**Max. Marks: 100 Marks****NUTRITION & BIOCHEMISTRY (RS – 2)****Q.P. CODE: 1748 & 1749**

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

Use separate answer books for section A and section B**Q.P. Code: 1748 – Section 'A' - Nutrition (60 Marks)****LONG ESSAYS (Any Two)****2 x 10 = 20 Marks**

1. Discuss the National Nutrition Policy
2. Discuss carbohydrates in the following headings a) Classification b) Functions
c) Dietary sources & requirements d) Deficiency and over consumption
3. Various methods of nutrition education and role of nurse in it

SHORT ESSAYS (Any Five)**5 x 5 = 25 Marks**

4. Nutritional needs of a lactating mother
5. Functions and imbalances of potassium in the body
6. NIPCCD
7. Biological value of proteins and its importance in our body
8. Sodium restricted diets and its uses
9. Protein energy malnutrition
10. ICDS

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

11. Beri-Beri
12. Drying and dehydration
13. Kwashiorkor
14. Effects of over consumption of fat in the body
15. Dietary sources of vitamin-A and deficiency

Q.P. Code: 1749 – Section 'B' - Biochemistry (40 Marks)**Use separate answer book****LONG ESSAYS (Any One)****1 x 10 = 10 Marks**

1. Explain the influence of various factors on enzyme activity
2. Discuss glycolysis. Add a note on its energetics

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

3. Describe in detail the steps of urea cycle
4. Functions and deficiency manifestations of vitamin C
5. Fluid mosaic model
6. Phospholipids

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

7. Metabolic elements
8. Trace elements
9. Phenylketonuria
10. Functions of phospholipids
11. Mention the normal levels of serum creatinine, total bilirubin and calcium
