

NURSB - 1748 - NUTRITION & BIOCHEMISTRY - TP1 (AUGUST-2010)_AUGUST-10 (OCT-10).doc

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing Degree Examination – August 2010

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. Explain the effect of cooking on nutrients. Discuss the various methods of cooking
2. Explain the various national nutritional programmes and the role of a nurse in it
3. Define calorie. Explain the RDA for a toddler with suitable examples.

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

4. Kwashiorkor
5. Midday meal programme
6. Principles of weaning
7. Pasteurization
8. Food adulteration
9. Vit D deficiency
10. Diet in hypertension

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

11. Grilling
12. Functions of protein
13. Goiter
14. Exclusive breast feeding
15. Beri – beri

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

1. Mention the normal blood sugar levels. Discuss the hormonal regulation of blood sugar level.
2. Describe the source, R D A, biochemical function and deficiency manifestations of Vitamin D

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

3. Classification of enzymes
4. Biochemical functions & deficiency manifestation of thiamine
5. Conjugated proteins
6. Structure and classification of Immunoglobulins

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

7. Mitochondria
8. Name three compounds formed from cholesterol
9. Phenylketonuria
10. Disaccharides
11. Mention the normal serum levels of
a) Cholesterol b) Triglycerides c) Total Bilirubin
