Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing Degree Examination - Feb/March 2011

Time: Three Hours

Max. Marks: 75%rks

NUTRITION & BIOCHEMISTRY (RS - 3)

Q.P. CODE: 1755 & 1756

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessy Use secarate answer books for section A and section B

Q.P. Code: 1755 - Section A - NUTRITION (45 Marks) LONG ESSAYS (Answer any One)

- Describe the digestion and absorption process of fats, recommended daily allowanceand deficiencies of fats
- Enumerate the factors which influence food intake and food habits. Explain the role of cults in detail

SHORT ESSAYS (Answer any Five)

5 x 5 = 25 mks

5 x 2 = 10 mks

- Applied nutrition programme
- List the functions of carbohydrates
- Vitamin A Requirements, sources and deficiencies
- Diet for an elderly
- Classification of foods
- Planning the diet for preschool child

- 9. Marasmus
- Deficiencies of niacin
- 11. Principles of cooking
- Dehydration
- 13. Food adulteration

Q.P. Code: 1756 - Section B - BIOCHEMISTRY (30Marks)

Use separate answer book

LONG ESSAYS (Answer any One)

1 x 10 = 10 ks

Describe various mechanisms which regulate blood sugar levels

Describe the sources, daily requirement, biochemical functions and deficiency manifestatic of Vitamin "C"

SHORT ESSAYS (Answer any Two)

2 x 5 = 10 ks

3. Y Classify Enzymes with suitable examples What are Lipoproteins? Name them and write their functions

Discuss biochemical functions of vitamin "A" -> Oprocess of vitaion - thro' water will Immunoglobulin & 4 peptide and a) Serum Sodiumina The Synthesis Wom rehaming the normal range of a a) Serum Sodiumina

a) Serum Sodium 137-145 mm b) Serum Potassium recessery his PETROSES E PROXECO Serum Chloride Serum Calcium , DJnkesisc

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