

2010 Scheme

Reg. No:

First Year B.Sc Nursing Degree Supplementary Examinations May 2022

Nutrition and Biochemistry

Time: 3 Hours

Max Marks: 75

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw table/diagrams/flow charts wherever necessary
- Write section A (32 Pages) and section B (32 Pages) in separate answer books. Do not mix up questions from section A and section B.

Q P Code: 104010
Essay

Section A – Nutrition

Marks: 50
(10)

1. Explain the digestion and absorption of proteins in detail.

Short notes

(5x5=25)

2. Discuss vitamin – C.
3. Principles of menu planning.
4. Moist heat method of cooking.
5. Any one nutritional problem.
6. Regulation of water metabolism.

Answer Briefly

(5x3=15)

7. Define malnutrition.
8. Functions and sources of vitamin D.
9. Explain nutritional anaemia.
10. Essential fatty acids.
11. Factors affecting food and nutrition.

Q P Code: 105010

Section B – Biochemistry

Marks: 25

Essay

(10)

1. Discuss about the sources, requirement, bio chemical functions and deficiency manifestations of vitamin c.

(1+1+6+2)

Short notes

(2x5=10)

2. Blood buffers.
3. Absorption of iron.

Define the following

(5x1=5)

4. Name any two marker enzymes of liver.
5. Mention the enzyme defect in phenylketonuria.
6. Name any two essential amino acids.
7. Name any two compounds formed from cholesterol.
8. Name any two reducing disaccharides.
