



RAN-4046

First year Basic B.Sc. (Nursing) Examination

August - 2019

Nutrition & Biochemistry

Time: 3 Hours]

[Total Marks: 75

सूचना : / Instructions

नीचे दृशविवेक निशानीवाणी विगतो उत्तरवही पर अवश्य लभवी.
Fill up strictly the details of signs on your answer book

Name of the Examination:

First year Basic B.Sc. (Nursing)

Name of the Subject :

Nutrition & Biochemistry

Subject Code No.: 4 0 4 6

Seat No.:

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Student's Signature

Section - I (45 marks)

1. Define the following: (Any Five)

5×1 = 5

- Energy
- Name of Water Soluble Vitamins
- 1 Gram Carbohydrate Gives
- Sources Of Vitamin E
- List Out Essential Amino Acid
- Normal Blood PH
- Normal Blood Glucose level in Adult

2. Short Answer : (Any Six)

6×5 = 30

- Zinc
- Consumer Protection Act.
- Methods of Cooking
- Anemia
- Phosphorus
- Importance of Water in Human Body
- Function Of Fiber

3. **Long Answer : (Any one)** **1×10 = 10**

- a) Define Carbohydrate? Write down Classification of Carbohydrate? Explain In detail about Digestion and absorption of Carbohydrate.

OR

- a) Define Food Adulteration? Discuss Food Adulteration Act in detail.

Section - II (30 Marks)

4. **Define the following : (Any Five)** **5×1 = 5**

- a) Define Biochemistry
- b) What is Immunization?
- c) Passive Transport
- d) Diffusion
- e) Collagen
- f) ELISA Stands For....
- g) Osmosis

5. **Short Answer : (Any Three)** **3×5 = 15**

- a) Acid Base Balance
- b) Glyconeogenesis
- c) Microscopy
- d) Vitamin D
- e) Benedict's Test

6. **Write Long essay : (Any one)** **1×10 = 10**

- a) Define Cell? Draw a Schematic Diagram Of Cell. Discuss about its Organelles.

OR

- a) Define Protein? Write down the Classification of Protein. Write its Biochemical Functions.