

B.Sc. CLINICAL NUTRITION
(New Syllabus 2018-2019)

FIRST YEAR

PAPER III – NUTRITIONAL BIOCHEMISTRY

Q.P. Code: 803003

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Discuss in detail about protein energy malnutrition.
2. Glycolysis add a note on its bio- energetics?
3. What is bilirubin? Explain the types of jaundice.

II. Write notes on:

(8 x 5 = 40)

1. Classification of proteins.
2. Factors affecting enzyme action.
3. Athero sclerosis.
4. Hypothyroidism.
5. Vitamin A deficiency diseases.
6. Role of water and electrolytes in the body.
7. Diabetes mellitus.
8. Clearance.

III. Short answers on:

(10 x 3 = 30)

1. Define energy unit.
2. IZO enzymes.
3. Essential fatty acids.
4. Saponification number.
5. Buffers.
6. Immunoglobulins.
7. Tumor markers.
8. Functions of carbohydrates.
9. Semi essential amino acids.
10. Beri beri.
