

**B.Sc. CARDIO PULMONARY PERFUSION CARE TECHNOLOGY
FIRST YEAR
PAPER II – BIOCHEMISTRY AND PATHOLOGY**

Q.P. Code: 801402

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Define inflammation. Write a detailed note on chronic and acute inflammation.
2. List various types of cellular adaptations and explain each adaptation with an example.
3. Elaborate on Glycolytic pathway.

II. Write notes on:

(8 x 5 = 40)

1. Immunoglobulins and its types.
2. Causes of cell injury.
3. Rheumatic heart disease.
4. General principles of microbial pathogenesis.
5. AIDS.
6. Metabolic acidosis and alkalosis.
7. Water soluble vitamins.
8. Kwashiorkor.

III. Short answers on:

(10 x 3 = 30)

1. Define Ph.
2. Benedicts test.
3. Thymus.
4. Pellagra.
5. Functions of lipids.
6. B-cell and its functions.
7. What is H1N1?
8. Balance diet.
9. Gangrene.
10. Essential fatty acids.
