

[LK 0217]

FEBRUARY 2017

Sub.Code :1402

**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. What are immunoglobulins? Please explain the different properties of the 5 types.
2. Elaborate on diabetes mellitus.
3. Elaborate on disorders of immune system.

II. Write Notes on:

(8 x 5 = 40)

1. Functions of proteins.
2. Rheumatic Heart.
3. Write about fungal infections.
4. Caloric value of food stuff.
5. Explain atrophy.
6. Explain parasitic infections.
7. Biologic significance of urea.
8. Buffers.

III. Short Answers on:

(10 x 3 = 30)

1. What is meant by Zwitterion?
2. Define (a) Isoenzymes (b) Holo – enzyme.
3. Define cell injury and its types.
4. Define Neoplasia.
5. Define Hypertrophy.
6. Define Hyperplasia.
7. Define Metaplasia.
8. Define Metastasis.
9. What are Ketone bodies Give Examples?
10. What is vitamin B12, What is its significance?
