

[LK 0217]

FEBRUARY 2017

Sub. Code: 1601

**B.Sc. PHYSICIAN ASSISTANT
FIRST YEAR**

PAPER I – ANATOMY, PHYSIOLOGY AND BIOCHEMISTRY

Q.P. Code: 801601

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions.

I. Elaborate on:

(3 x 10 = 30)

1. Define and Classify Enzymes. Discuss the factors affecting Enzyme activity.
2. Write in detail about Valves and Chambers of Heart? Add a note on Cardiac cycle.
3. Explain Structure and Functions of Liver.

II. Write notes on:

(8 x 5 = 40)

1. Explain features of Clavicle with diagram.
2. Micturition.
3. Properties and structure of glucose.
4. Synapse.
5. Mechanism of Respiration.
6. Functions of Protein.
7. Simple epithelium- Types and functions.
8. Anatomy of Uterus.

III. Short Answers on:

(10 x 3 = 30)

1. Retina.
2. Functions of CSF.
3. Phospholipids.
4. Blood brain barrier.
5. Properties of Sodium.
6. Elastic Cartilage.
7. Stroke Volume.
8. Diaphragm.
9. Insulin.
10. Muscular layers of Stomach.
