

[LJ 0816]

AUGUST 2016

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. Describe the anatomy of Kidney and Urinary bladder.
2. List out the glands of Endocrine system. Elaborate on hormones of Anterior Pituitary.
3. Discuss Fat soluble Vitamins.

II. Write notes on:

(8 x 5 = 40)

1. Factors affecting enzyme activity.
2. Functions of Liver.
3. Inborn errors of metabolism.
4. Clavicle.
5. Anatomy of Right Lung.
6. Functions of Skin.
7. Meninges.
8. Conduction system of heart.

III. Short Answers on:

(10 x 3 = 30)

1. Calcitonin.
2. Functions of Mitochondria and Golgi Apparatus.
3. Pleura.
4. Potassium.
5. Tidal volume and Inspiratory Reserve Volume.
6. Elastic cartilage.
7. Functions of connective tissue.
8. Epididymis.
9. Trigone of Urinary Bladder.
10. Fatty acids.
