

**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. Draw the microscopic structure of Kidney and explain its functions.
2. Explain the Digestive functions of Small intestines and its secretions.
3. Define Amino acids and classify Amino acids in various ways with suitable examples and its functions.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Pleural cavity.
2. Bile duct.
3. Classification of Enzymes.
4. Structure of the Skin with neat labeled diagram.
5. Vertebral column.
6. Synovial Joints of the limbs.
7. Mammary glands.
8. Circle of Willis.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Classification of fatty acids.
2. Functions of Ribosome's.
3. Lacrimal Apparatus.
4. Female Urethra.
5. Name the Cranial nerves.
6. Functions of Folic acid.
7. Leukocytes.
8. Columnar Epithelium.
9. Organs associated with heart.
10. Lymph nodes.

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