

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 neat diagram of Heart and explain about Cardiac Cycle.
2. Explain about the physiology of Respiration.
3. Define and classify Vitamins. Explain the Difference between fat soluble and water soluble vitamins.

II. Write notes on:

(8 x 5 = 40)

1. Functional classification of Proteins.
2. Functions of Saliva.
3. Renin Angiotensin Mechanism.
4. Hemoglobin.
5. Meninges of Brain.
6. Retina.
7. Stages in primary wound healing.
8. Mechanism of Enzyme action.

III. Short answers on:

(10 x 3 = 30)

1. Glucose Tolerance Test.
2. Cardiac Output.
3. Functions of Eyelids.
4. Functions of Skull bone.
5. Functions of Carbohydrates.
6. Layers of Uterus.
7. Vitamin C-Sources and its deficiencies.
8. Ankle joint.
9. Insulin.
10. Structure of DNA.