

B.Sc. ACCIDENT AND EMERGENCY CARE TECHNOLOGY
FIRST YEAR
PAPER I – ANATOMY, PHYSIOLOGY AND BIOCHEMISTRY

Q.P. Code: 801006

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on: **(3 x 10 = 30)**

1. Explain in detail about origin, course, termination and function of pyramidal tract with neat diagram.
2. Describe in detail about the external features of heart? And explain about the blood supply of the heart.
3. Describe the chemistry, sources, Daily requirement, Biochemical functions and deficiency manifestations of Vitamin-D.

II. Write notes on: **(8 x 5 = 40)**

1. Classification and structure of glands.
2. Cubital Fossa.
3. Pericardium.
4. Functions of Protein.
5. Glycolysis.
6. Transport of carbon dioxide.
7. Regulation of blood pressure (short term regulation).
8. Hypertension.

III. Short answers on: **(10 x 3 = 30)**

1. Pleural recess.
2. Name the muscles in the Anterior compartment of thigh.
3. Name the carpal bones.
4. Oxygen dissociation curve.
5. Winging of scapula.
6. Functions of cerebrospinal Fluid.
7. Hormonal regulation of menstrual cycle.
8. Vital capacity.
9. Write any two function of sodium.
10. Renal function test.
