

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. Define JOINTS. Classify the Joints with Examples.
2. Define Cardiac cycle. Write in detail about the events taking place during Cardiac cycle. Add a note on Electrocardiogram.
3. Define carbohydrates. Classify carbohydrates with suitable examples.

II. Write notes on:

(8 x 5 = 40)

1. Thoracic cage.
2. Explain the role of bile in digestion.
3. Draw and label the parts of GIT.
4. Classification of proteins.
5. Cranial nerves.
6. Blood groups.
7. Coronary arteries.
8. Differences between Sympathetic and Parasympathetic nervous system.

III. Short answers on:

(10 x 3 = 30)

1. Bones forming Lower limb.
2. Name the hormones secreted from Posterior pituitary.
3. Name the ear ossicles.
4. Spermatogenesis
5. Name the parts of liver.
6. Deglutition.
7. Muscles of thorax.
8. Catabolism.
9. Artificial Respiration.
10. Enzymes in Myocardial infarction.