

[LC 0212]

FEBRUARY 2013

Sub. Code: 1001

B.Sc. ACCIDENT AND EMERGENCY CARE TECHNOLOGY

FIRST YEAR

PAPER I - ANATOMY, PHYSIOLOGY, BIOCHEMISTRY

Q.P. Code : 801001

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 BLOOD PRESSURE and explain various factor and mechanism regulating it. Add a note on blood pressure measurement.
3. Describe the Chemistry, Sources, Daily requirement, Biochemical Functions and deficiency Manifestations of Vitamin – A.

II. Write notes on:

(8 x 5 = 40)

1. Classification of Skeletal Muscle
2. Difference Between Small and Large Intestine
3. Circulation of CSF
4. Functions of Liver
5. Artificial Respiration
6. Micturition
7. Enzymes in Myocardial infarction
8. Basal Metabolic Rate (BMR)

III. Short Answers on:

(10 x 3 = 30)

1. Enumerate the Layers of Skin
2. Muscles of Mastication
3. Adenohypophysis
4. Name all the cranial nerves in order
5. Trachea
6. Anticoagulants
7. Phases of Menstrual Cycle
8. Functions of Middle ear
9. Mitochondria
10. Epimers
