

[LH 0815]

AUGUST 2015

Sub. Code: 1031

DIPLOMA IN ACCIDENT AND EMERGENCY CARE TECHNOLOGY
(New Syllabus 2014-2015)

FIRST YEAR

PAPER I – ANATOMY, PHYSIOLOGY AND BIOCHEMISTRY

Q.P. Code: 841031

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(3 x 10 = 30)

1. What is Erythropoiesis? Write in detail the Formation of RBCs and morphological Variations in Physiological and Pathological Conditions.
2. Classify Skeletal System. List out the Axial and Appendicular Bones and describe Anatomical features of any One Bone.
3. Classify and describe the functions of Lipids.

II. Write notes on:

(10 x 5 = 50)

1. Intercostal Space.
2. Spermatogenesis.
3. Functions of CSF.
4. Functions of Thyroid Hormones.
5. Auscultatory areas in Chest.
6. Acid Base Balance and Disturbances.
7. Synovial Joint.
8. Rh Incompatibility.
9. Components of Blood.
10. Cardiac cycle.

III. Short Answers on:

(10 x 2 = 20)

1. Side Determination of Clavicle.
2. Origin, Insertion and Actions of Gastrocnemius Muscle.
3. List of Cranial Nerves.
4. What is Cartilage? Give examples.
5. Define Acidosis.
6. What is Cardio pulmonary Resuscitation?
7. Benedict's Test.
8. Respiratory Quotient.
9. Branches of Arch of Aorta.
10. What is Surfactant?
