

DIPLOMA IN ACCIDENT AND EMERGENCY CARE TECHNOLOGY
(New Syllabus 2015-2016)

FIRST YEAR

PAPER I – ANATOMY, PHYSIOLOGY AND BIOCHEMISTRY

Q.P. Code: 841051

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Classify Vitamins, Write in detail about vitamin C – functions dietary sources and deficiencies.
2. Draw a neat diagram of digestive system, write in detail about stomach and its functions.
3. Name the respiratory muscles, explain about mechanism of respiration.

II. Write notes on:

(10 x 5 = 50)

1. Composition of blood.
2. Classification of carbohydrates.
3. Draw and label a neat diagram of respiratory system.
4. Protein energy malnutrition.
5. Chambers of the heart.
6. Functions of lipids.
7. Blood groupings.
8. Kidney.
9. Functions of skin.
10. Clavicle.

III. Short answers on:

(10 x 2 = 20)

1. Functions of Hemoglobin.
2. Erythrocyte sedimentation rate.
3. Write three calcium rich foods.
4. Functions of bone.
5. Pleura.
6. Meninges.
7. Draw a diagram of Nephron.
8. Difference between artery and vein.
9. Iron deficiency Anemia.
10. Fracture.
