

[LD 0212]

August 2013

Sub.code: 1001

**DIPLOMA IN ACCIDENT AND EMERGENCY CARE TECHNOLOGY
FIRST YEAR
PAPER I - ANATOMY, PHYSIOLOGY, BIOCHEMISTRY**

Q.P. Code : 841001

Time : Three hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(3X10=30)

1. Describe the stomach under following headings: borders, surface, parts, valves & blood supply.
2. Classify WBC. Explain about the different types of WBC with a neat diagram.
3. Define glycolysis. Explain the steps involved in glycolysis.

II. Write short notes on:

(10X5=50)

1. Deltoid muscle
2. Draw and label the different parts of kidney
3. Functions of cerebro spinal fluid
4. Functions of phosphorus
5. Marasmus
6. Phospholipids
7. Type of joint
8. Types of blood group and its importance
9. Write the functions of RBC
10. Write the names of muscles of thigh.

III. Short answers on :

(10X2=20)

1. Define Anaemia
2. Define gluconeogenesis
3. Define thrombocytosis
4. Endoplasmic reticulum
5. Lipoproteins
6. Mitochondria
7. Name 2 plasma proteins
8. Name 4 cranial nerves
9. Vit D deficiency
10. Write the functions of platelets
