

**DIPLOMA IN OPERATION THEATRE & ANAESTHESIA TECHNOLOGY/
DIPLOMA IN CRITICAL CARE TECHNOLOGY**

FIRST YEAR

PAPER I – ANATOMY, PHYSIOLOGY & BIOCHEMISTRY

Q.P. Code: 841101

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Write the parts of the brain, its structures and functions with suitable diagram.
2. Classifications of Carbohydrates with example.
3. Write the Composition and Functions of blood.

II. Write notes on:

(10 x 5 = 50)

1. Write the parts of Female reproductive system with example.
2. Micturition.
3. Lung Volumes.
4. Diaphragm.
5. Essential Amino acid.
6. Draw the diagram of humerus.
7. Enzymes.
8. Blood supply of the Heart.
9. Cranial nerves.
10. Diabetes Mellitus.

III. Short answers on:

(10 x 2 = 20)

1. Pneumatic bone.
2. Define Blood Pressure.
3. Define Balanced diet.
4. Normal value of Urea.
5. Night Blindness.
6. Functions of Ribosomes.
7. Clavicle.
8. Normal Pulse rate.
9. Name the Fat soluble Vitamins.
10. Define Basal Metabolic Rate.
