

DIPLOMA IN CARDIAC NON-INVASIVE TECHNOLOGY
FIRST YEAR
PAPER I – ANATOMY & PHYSIOLOGY, BIOCHEMISTRY &
PHARMACOLOGY

Q.P. Code: 842401

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Name the parts of GIT. Describe stomach/duodenum/intestines/cecum and appendix in detail.
2. Classification of proteins and its functions.
3. Describe the action, indication, dosage, route of administration and side effects of thrombolytics.

II. Write notes on:

(10 x 5 = 50)

1. White blood cells.
2. Draw a diagram of cell and label the parts.
3. Parts of the kidney.
4. Difference between right and left lungs.
5. Diuretics.
6. Classification of proteins.
7. Coronary arteries.
8. Anatomy of Liver.
9. Anti-anginal agents.
10. Male reproductive system.

III. Short answers on:

(10 x 2 = 20)

1. Constrictions of the ureter.
2. Parathyroid gland.
3. Side effects of Lipid lowering drugs.
4. Name the Carpal bones.
5. Parts of long bone.
6. Henderson Hassel Bach equation.
7. Parts of Pharynx.
8. Mediastinum.
9. Basal metabolic rate.
10. Anti-failure agents.
