

B.Sc. DIALYSIS TECHNOLOGY

FIRST YEAR

PAPER I – ANATOMY, PHYSIOLOGY AND BIOCHEMISTRY

Q.P. Code: 801306

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Describe the Mechanism of Urine Formation.
2. What are Carbohydrates? Describe the classification and functions with examples.
3. Describe the Kidney under the following headings:
(a) Location (b) Structure (c) Blood supply (d) Covering

II. Write notes on:

(8 x 5 = 40)

1. Draw the diagram of Scapula and explain.
2. Urinary Bladder.
3. Draw and Label the structure of a Cell.
4. Composition of Blood.
5. Functions of the skin.
6. Hypertension.
7. Draw the diagram of Pancreas and explain about its secretions.
8. Water soluble vitamins.

III. Short answers on:

(10 x 3 = 30)

1. Define – Blood pressure.
2. Define – Glomerular filtration Rate.
3. Transitional Epithelium.
4. Deltoid Muscle.
5. Differences between Artery and Vein.
6. Renal calculi.
7. Beriberi.
8. Draw and Label the parts of Nephron.
9. Pleura.
10. Salivary Glands.
