

[LH 0815]

AUGUST 2015

Sub. Code: 1306

B.Sc. DIALYSIS TECHNOLOGY
(New Syllabus 2014-2015)

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. Draw a neat diagram and explain about the urinary system. Add a note on the functional unit of urinary system.
2. Explain the composition and function of blood.
3. Describe the Krebs's cycle in detail.

II. Write notes on:

(8 x 5 = 40)

1. Define intercostal space and structures related to it.
2. Thoracic vertebrae.
3. Biceps muscle.
4. Erythrocyte Sedimentation Rate.
5. Micturition.
6. Lung volumes.
7. Basal metabolic rate.
8. Marasmus.

III. Short Answers on:

(10 x 3 = 30)

1. Name the joints formed by the bones of upper limb.
2. Name the cartilages forming larynx.
3. Endocytosis.
4. Name the fat soluble vitamins.
5. Define platelets.
6. What is normal respiratory rate?
7. What is hypertension?
8. Define pH.
9. What are trace elements?
10. Name the hormones of pancreas.
