

[LN 0818]

AUGUST 2018

Sub. Code: 1216

B.Sc. CRITICAL CARE TECHNOLOGY
(New Syllabus 2014-2015 & 2015-2016)

SECOND YEAR

Paper I – APPLIED ANATOMY AND PHYSIOLOGY

Q.P Code : 801216

Time: Three Hours

Maximum : 100 Marks

Answer All Questions

I. Elaborate on:

(3 x 10 = 30)

1. Describe the mechanism and control of respiration.
2. Describe the conducting system of Heart and the cardiac failure.
3. Describe Acute Respiratory Distress Syndrome in detail

II. Write Notes on:

(8 x 5 = 40)

1. Structure of Nephron and Formation of Urine.
2. Pulmonary oedema.
3. Endotracheal tubes – intubation.
4. Prevention of Nosocomial infections.
5. Vertebral Column.
6. Cardiac Cycle.
7. Autonomic nervous system.
8. Pleura and Pleural Effusion.

III. Short Answers on:

(10 x 3 = 30)

1. Carbon di oxide transport.
2. Homeostasis.
3. Cardiac output.
4. Pupil: Accommodation reflex, light reflex.
5. Coma.
6. Aorta.
7. Hazards of Oxygen.
8. Valves of Heart.
9. Bronchoscopy.
10. Lung volume and capacities.
