

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. Define blood pressure. Describe the factors responsible for maintenance of normal blood pressure.
2. Name the muscles of respiration. Describe the regulation of respiration.
3. Describe the kidney under the following- coverings, external features and internal features.

II. Write Notes on:

(8 x 5 = 40)

1. Major openings of diaphragm.
2. Bronchopulmonary segments.
3. Left coronary artery.
4. Autonomic nervous system.
5. Name the parts of pleura. Describe the pleural recesses.
6. Airway maintenance.
7. Light reflex.
8. Describe normal electrocardiogram.

III. Short Answers on:

(10 x 3 = 30)

1. Pericardial sinuses.
2. Tricuspid valve.
3. Coronary sinus.
4. Arch of aorta.
5. Pancreas.
6. Hypoxia.
7. Tidal volume.
8. Indications for artificial airway.
9. Oxygen delivery system.
10. Intra cranial tension.
