

[LG 0215]

FEBRUARY 2015

Sub.Code :1211

B.Sc. CRITICAL CARE TECHNOLOGY

SECOND YEAR

Paper I – APPLIED ANATOMY AND PHYSIOLOGY

Q.P Code : 801211

Time: Three Hours

Maximum : 100 Marks

Answer All Questions

I. Elaborate on:

(3 x 10 = 30)

1. Describe in detail about the blood supply of heart with the neat diagram.
2. Define blood pressure? Mention its normal values? Add a note on factors regulating it.
3. Describe in detail about internal features and openings of right atrium.

II. Write Notes on:

(8 x 5 = 40)

1. Waves of ECG.
2. Major openings in thoracic diaphragm.
3. Hilum of right lung.
4. Branches of arch of aorta.
5. Conducting system of heart.
6. First intercostals space.
7. Lung compliance.
8. Heart block.

III. Short Answers on:

(10 x 3 = 30)

1. Hypertension.
2. Content of superior mediastinum.
3. Inspiratory reserve volume.
4. Metabolic acidosis.
5. Hypoxia.
6. Dead space.
7. Muscles of expiration.
8. Valves of heart.
9. Treatment for respiratory failure.
10. Dead space.
