

[LM 0218]

FEBRUARY 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 anatomy of Lungs, root of lungs, pleura and blood supply
2. Describe the urinary bladder - the anatomy, relations, structure and Micturition.
3. Describe the various activities take place in cardiac cycle.

**II. Write Notes on:**

**(8 x 5 = 40)**

1. Brain Death.
2. Circle of Willis.
3. Pancreas.
4. Chambers of the Heart.
5. Chest Cavity.
6. Homeostasis.
7. Mechanism of Hypoxia.
8. Normal ECG.

**III. Short Answers on:**

**(10 x 3 = 30)**

1. Intercostal Muscles.
2. Oral Cavity.
3. Pericardium.
4. Coronary Circulation.
5. Ureter.
6. Oxygen – Transport, Factors affecting the transport.
7. Mention 3 artificial airways.
8. Haemothorax.
9. Blood Pressure.
10. Cranial Nerves.

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