

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0321]

MARCH 2021

Sub. Code: 1216

(AUGUST 2020 EXAM SESSION)

B.Sc. CRITICAL CARE TECHNOLOGY

SECOND YEAR (From 2014-2015 and 2015-2016 onwards)

PAPER I – APPLIED ANATOMY AND PHYSIOLOGY

Q.P. Code : 801216

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Write in detail about Cardiac Cycle.
2. Enumerate the anatomy, relations and Structure of Urinary Bladder.
3. Write in detail about the physiology of breathing.

II. Write Notes on:

(8 x 5 = 40)

1. Chambers of the Heart.
2. Pulmonary Edema.
3. Normal ECG.
4. IVth Cranial Nerve.
5. Oxygen Delivery System.
6. Diaphragm.
7. Pneumonia.
8. Factors Affecting BP.

III. Short Answers on:

(10 x 3 = 30)

1. Indication of Extubation.
2. Features of Normal X-Ray.
3. Hazards of Oxygen.
4. Explain the Light Reflex.
5. Spinal Cord.
6. IVC.
7. Basic Arrhythmias.
8. Nerve Supply of Tongue.
9. Inter-Costal Muscles.
10. Homeostasis.
