

[AHS 0321]

MARCH 2021

Sub. Code: 1246

(AUGUST 2020 EXAM SESSION)

B.Sc. CRITICAL CARE TECHNOLOGY**SECOND YEAR (From 2018-2019 onwards)****PAPER I – ANATOMY+APPLIED ANATOMY AND PHYSIOLOGY*****Q.P. Code : 801246*****Time: Three hours****Answer ALL Questions****Maximum: 100 Marks****I. Elaborate on:****(3 x 10 = 30)**

1. Describe Anatomy of Lungs, Root of Lungs, Pleura and Blood supply.
2. Describe the Structure, Anatomy and relations of Urinary Bladder. Write a note on Micturition.
3. Define Blood Pressure. Mention its normal values. Add a note on factors regulating it.

II. Write notes on:**(8 x 5 = 40)**

1. Homeostasis.
2. Diaphragm.
3. Functions of Liver
4. Mechanism of hypoxia.
5. Artificial Airway.
6. Abnormal Hemoglobins.
7. Describe anatomy of Spinal cord
8. Bronchoscopy.

III. Short answers on:**(10 x 3 = 30)**

1. Nose.
2. Parathyroid Gland
3. Neural centers of respiration.
4. Ureter
5. Muscle spindle.
6. Oxygen uptake by tissue.
7. Sternum.
8. Pleural Effusion.
9. Light Reflex.
10. Respiratory Rate.
