

[AHS 0321]

MARCH 2021

Sub. Code: 1241

(AUGUST 2020 EXAM SESSION)

B.Sc. CRITICAL CARE TECHNOLOGY**FIRST YEAR (From 2018-2019 onwards)****PAPER I – ANATOMY, APPLIED ANATOMY & BIOCHEMISTRY*****Q.P. Code : 801241*****Time: Three hours****Answer ALL Questions****Maximum: 100 Marks****I. Elaborate on:****(3 x 10 = 30)**

1. Classification of Carbohydrates with Examples.
2. Describe the structure and functions of various cell organelles.
3. Describe the kidney under the following headings:
(a) Location (b) External features (c) Internal features,
(d) Blood supply (e) Applied anatomy.

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

1. Define Intercostal space and structures related to it.
2. Deltoid
3. Classifications of Protein.
4. Chambers of the Heart.
5. Bronchial Tree.
6. Vitamin C.
7. Clavicle.
8. Neuron.

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

1. Kwashiorko
2. Difference between the cervical vertebrae and thoracic vertebrae.
3. Write down the function of sodium.
4. Hydrocephalus.
5. Pneumatic Bones.
6. Jaundice.
7. Benedict's Test.
8. Osteoporosis.
9. Define pH, molarity and molality.
10. Balanced Diet.
