

[AHS 0321]

MARCH 2021

Sub. Code: 1841

(AUGUST 2020 EXAM SESSION)

B.Sc. RADIOGRAPHY AND IMAGING TECHNOLOGY**FIRST YEAR (Regulation 2018-2019)****PAPER I – HUMAN ANATOMY, PHYSIOLOGY AND PATHOLOGY
RELEVANT TO RADIOLOGY*****Q.P. Code : 801841*****Time: Three hours****Answer ALL Questions****Maximum: 100 Marks****I. Elaborate on:****(3 x 10 = 30)**

1. Describe the vertebral column in detail.
2. Explain the physiology of micturition
3. Define anaemia, its classification, symptoms and pathophysiology

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

1. Portal circulation
2. Conducting system of heart
3. Mechanism of breathing
4. Blood supply of brain.
5. Explain synovial joint and give examples
6. Structure and Functions of skin
7. Neuromuscular junction.
8. Importance of Radio imaging of mammary gland

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

1. Pulmonary circulation.
2. Contraceptives.
3. Name the cranial nerves.
4. Bones of pelvis.
5. Hypothyroidism
6. Deep venous thrombosis
7. Parts of male urethra
8. Classification of Bones
9. Cardiac cycle
10. Olfactory pathway
