

[LC 0212]

FEBRUARY 2013

Sub. Code: 1801

B.Sc. RADIOLOGY IMAGING TECHNOLOGY AND

B.Sc RADIO DIAGNOSIS TECHNOLOGY

FIRST YEAR

**PAPER I – HUMAN ANATOMY, PHYSIOLOGY, AND PATHOLOGY
RELEVANT TO RADIOLOGY**

Q.P. Code : 801801

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

I. Elaborate on:

(3 x10=30)

1. Describe structure of the pituitary gland, hormones secreted by the anterior pituitary and their functions.
2. Elaborate on the structure of the kidney and its functions.
3. Composition of blood and its functions.

II. Write notes on:

(8 x5=40)

1. Anatomy of breast.
2. Lung collapse.
3. CSF circulation.
4. Physiology of swallowing.
5. Portal venous system.
6. Cardiac valves.
7. Lymphatic organs and tissues.
8. Optic pathway.

III. Short Answers on:

(10 x3=30)

1. Name the cranial nerves.
2. Functions of adrenal medulla.
3. General structure of long bone.
4. Parts of male urethra.
5. Name the bones of the face.
6. Aneurysms
7. Lacrimal gland
8. Meninges.
9. Glial cells
10. Gall bladder
