

[LG 0215]

FEBRUARY 2015

Sub.Code :1801

**B.Sc. RADIOLOGY IMAGING 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 x 10 = 30)

1. Describe the Lymphatic system in detail with special mention about the thoracic duct.
2. Describe the structure and functions of a cell.
3. Describe Nephron, formation of urine and physiology of micturition.

II. Write notes on:

(8 x 5 = 40)

1. Types of Circulation and Explain portal circulation.
2. Diaphragm.
3. Arches of foot.
4. Cardiac Muscles.
5. Supra renal gland.
6. Menstrual cycle.
7. Anatomy of ear and physiology of hearing.
8. Different types of tumors and their spread.

III. Short answers on:

(10 x 3 = 30)

1. Plueral effusion.
2. Benign hypertrophy of prostate.
3. Vulva.
4. Spinal cord.
5. Absorption.
6. Urinary Bladder.
7. Blood Grouping and the importance.
8. Meningitis.
9. Fracture of bones.
10. Refractory errors.
