

[LJ 0816]

AUGUST 2016

Sub.Code :1801

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

1. Describe the structure of stomach and its functions.
2. Define anaemia, its classification, symptoms and pathophysiology.
3. Discuss the mechanism of Blood coagulation in detail.

II. Write notes on:

(8 x 5 = 40)

1. Gluteus Maximus.
2. Blood supply of brain.
3. Functions of placenta.
4. Functions of cerebellum.
5. Surfactant.
6. Jaundice.
7. Importance of Radio imaging of mammary gland.
8. Vomiting.

III. Short answers on:

(10 x 3 = 30)

1. Deltoid muscle.
2. Types of bones.
3. Surface Anatomy of heart.
4. Mention any three functions of saliva.
5. Functions of liver.
6. Myopia and its correction.
7. Differences between Type I and Type II Diabetes Mellitus.
8. Vermiform appendix.
9. Write any two non- respiratory functions of lungs.
10. Define neoplasia.
