

**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 Cubital fossa under the following headings– Boundaries, contents and applied anatomy.
2. Describe structure of the pituitary gland, hormones secreted by the anterior pituitary gland. Discuss the functions and regulation of Growth hormone secretion in detail.
3. What is Diabetes Mellitus and explain in detail about the types and its etiopathogenesis?

II. Write notes on:

(8 x 5 = 40)

1. Boundaries and contents of inguinal canal.
2. Pectoralis Major.
3. Bronchopulmonary segments.
4. Structure and functions of a cell.
5. Contraception in females.
6. Rh incompatibility.
7. Oedema and its types.
8. Composition and Functions of CSF.

III. Short answers on:

(10 x 3 = 30)

1. Parts of scapula.
2. Typical intercostal nerve.
3. Mention any two Anticoagulants and its functions.
4. Hypothyroidism in adults.
5. Write any three factors that affect blood pressure.
6. Microcytic hypochromic anemia.
7. Muscles of forearm.
8. Erb's paralysis.
9. Down's syndrome.
10. Proteolytic enzymes.
