

**VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)**

**DIPLOMA IN RADIOLOGY AND IMAGING TECHNOLOGY
EXAMINATION – August 2019
First Year**

**HUMAN ANATOMY AND PHYSIOLOGY RELEVANT TO
RADIOLOGY**

Time: Three hours

Maximum: 75 marks

PART - A

ANATOMY

Maximum : 45 Marks

I. Write an essay on any ONE of the following: (1 x 20 = 20)

1. Name the parts of female reproductive system. Write in detail about uterus.
2. Mention the parts of Urinary system and explain kidney in detail.

II. Write short notes on any ONE of the following: (1 x 10 = 10)

3. Classification of bones with examples
4. Pituitary Gland

III. Write short answers on any THREE of the following: (3 x 5 = 15)

5. Bronchopulmonary segments
6. Gall bladder
7. Testis
8. Spinal Cord
9. Urinary Bladder

PART - B

PHYSIOLOGY

Maximum : 30 Marks

I. Write an essay on any ONE of the following: (1 x 10 = 10)

1. Name the parts of Digestive system and write in detail about stomach.
2. Draw and mark the parts of heart. Write its function.

II. Write short notes on any FOUR of the following: (4 x 5 = 20)

3. Renal disorders
4. Composition and functions of blood
5. Structure of skeletal muscle with diagram
6. Name the endocrine glands and write the functions of growth hormone
7. Odema
8. Draw and mark the parts of neuron