

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

DIPLOMA IN RADIOLOGY AND IMAGING TECHNOLOGY
EXAMINATION – September 2021
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. Mention the major blood vessels of heart. Describe about the valves and chambers of heart.
2. Name the parts of digestive system. Write elaborately on stomach.

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

3. Kidneys.
4. Ovaries.

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

5. Pharynx.
6. Prostate gland.
7. Classify Joints.
8. Eye ball.
9. Parts of Brain.

PART - B

PHYSIOLOGY

Maximum: 30 Marks

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

1. Draw and mark the parts of Respiratory system. Write its function.
2. Draw and mark the parts of nephron. Write its function.

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

3. Edema.
4. Physiology of muscle contraction.
5. Hormones of anterior pituitary.
6. Cell organelles.
7. Composition and functions of blood.
8. Cardiovascular disorders.