

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

DIPLOMA IN OPERATION THEATRE AND ANAESTHESIA
TECHNOLOGY EXAMINATION – March 2019

First Year

ANATOMY AND PHYSIOLOGY

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. Describe in detail about the chambers, valves and major blood vessels of heart.
2. Name the organs of excretory system. Write in detail about kidney.

II. Write short notes on any ONE of the following: (2 x 10 = 20)

3. Lungs
4. Explain the joints of upper limb

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

5. Gluteusmaximus muscle
6. Pleura
7. Ureter
8. Femur bone
9. Inter costal space

PART – B

PHYSIOLOGY Maximum: 30 marks

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

1. Write the endocrine glands and write the functions of thyroid hormone.
2. Define cardiac cycle and explain its events.

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

3. Micturition
4. Electrocardiogram
5. CSF
6. Composition and functions of blood
7. Structure and functions of cell
8. Bile