

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

DIPLOMA IN OPERATION THEATRE AND ANAESTHESIA
TECHNOLOGY EXAMINATION – February 2020

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. Write in detail about kidneys.
2. Mention the organs of respiratory system. Describe in detail about lungs and bronchial tree.

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

3. Heart.
4. Ureters.

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

5. Pleura.
6. Clavicle bone.
7. Gluteus maximus muscle.
8. Bones of lower limb.
9. Pericardium,

PART – B

PHYSIOLOGY

Maximum: 30 marks

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

1. Explain the physiological anatomy of GIT and write about the role of bile in diagram.
2. Define blood pressure and explain the factors affecting blood pressure.

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

3. Micturition.
4. Cerebrospinal fluid.
5. Electrocardiogram.
6. Lungs volumes.
7. Blood group.