

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

DIPLOMA IN OPERATION THEATRE AND ANAESTHESIA
TECHNOLOGY EXAMINATION – August 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. Name the organs of respiratory system and explain in detail about lungs.
2. Name the joints of lower limb and explain any one joint in detail.

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

3. Urinary bladder
4. Chambers of heart

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

5. Clavicle bone
6. Trachea
7. Pericardium
8. Biceps brachii muscle
9. Nephron of kidney

PART – B

PHYSIOLOGY

Maximum : 30 marks

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

1. Define blood pressure and write the factors affecting blood pressure in detail.
2. Explain the mechanism of respiration. Add a note on lung volumes.

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

3. Lung volumes
4. Functions of Growth Hormone
5. Composition and functions of blood.
6. Hypertension.
7. Functions of CSF.
8. Bile