

Sl.No. M22085

Course Code: 3200101

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

**Pharm.D DEGREE EXAMINATION - February 2020
First Year**

HUMAN ANATOMY AND PHYSIOLOGY

Time: Three hours

Maximum: 70 marks

I. Write essays on any **TWO** questions: (2 x 15 = 30)

1. Explain about the female reproductive system with diagram.
2. Explain the secretions and functions of accessory gland of GIT.
3. Explain the anatomy of eye with a neat labeled diagram. Explain about image formation.

II. Write short answers on any **SIX** questions: (6 x 5 = 30)

4. Write notes on synovial joint.
5. Write a note on types of movements of joints.
6. Write a note on muscles in exercise.
7. Oogenesis
8. Write a note on the conduction system of Heart.
9. Name the bones of Skull. Write the sutures of Skull.
10. Micturition.
11. Classify tissues with suitable examples. Draw the histological structure of squamous epithelium.

III. Write short notes on any **FIVE** questions: (5 x 2 = 10)

12. Name the hormonal secretions of pancreas.
13. Reflex arc.
14. Any three functions of Cerebrospinal fluid.
15. Functions of PTH.
16. Write about the different types of Heart sounds.
17. Grave's disease.
