

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

DIPLOMA IN PHARMACY EXAMINATION – July 2020
First Year

HUMAN ANATOMY AND PHYSIOLOGY

Time: Three hours

Maximum: 80 marks

Answer **Any EIGHT** questions only
All questions carry equal marks
Draw Neat, Labelled Diagram wherever necessary.

1. a) Discuss about ECG. b) Explain the mechanism of blood clotting. (5+5)
2. Explain the systemic and pulmonary circulation of the heart.
3. Draw a neat labelled diagram of brain and write the functions of each part.
4. Mention the functions of Liver.
5. Write a note on menstrual cycle.
6. Describe the structure of Neuron with a neat labelled diagram.
7. Draw a neat labelled diagram of nephron. Explain the mechanism of Urine formation.
8. Explain the physiology of hearing with a neat labelled diagram of internal ear.
9. Write a note on Thyroid gland with functions.
10. Define blood pressure. Write the various factors affecting blood pressure.
