

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

**DIPLOMA IN PHARMACY EXAMINATION – October 2018**  
**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. Define and classify tissues with examples and write briefly about muscle tissue.
2. Write in detail about blood grouping.
3. Draw a neat labelled diagram of nephron and write the physiology of urine formation.
4. Define and classify endocrine glands and explain about pituitary glands its hormones.
5. Draw a labelled diagram of skin and write the functions of skin.
6. Classify joints with example and explain about synovial joint
7. Write note on : (a) Salivary glands (b) Gastric juice
8. Draw a labelled diagram of brain and write the functions of cerebro spinal fluid
9. Write the various parts of respiratory system and explain the physiology of respiration.
10. Write in detail about cardiac cycle and functions of heart.

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