

**VINAYAKA MISSION'S RESEARCH FOUNDATION**  
**(Deemed to be University), SALEM**  
**DIPLOMA IN PHARMACY EXAMINATION –October 2021**  
**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. Give an account of the composition and functions of blood.
2. With a neat and labelled diagram, describe the structure and functions of heart.
3. Explain the Structure and Physiological functions of Thyroid gland.
4. Classify Joints with the possible movements of joints from its location.
5. Explain the structure of skin with labelled diagram. Write about the functions of skin.
6. Explain the anatomy of Salivary glands and its functions.
7. Explain the various processes in spermatogenesis. Write notes on the structure of a matured sperm.
8. Describe the anatomy of lungs and physiology of respiration with diagram.
9. With a neat and labelled diagram, describe the structure and functions of the kidney.
10. Name the lymph gland and explain its functions.

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