

Roll No. 

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Total No. of Pages : 02

Total No. of Questions : 18

**Pharm.D (Sem.-1)**  
**HUMAN ANATOMY AND PHYSIOLOGY**  
**Subject Code : 1.1**  
**M.Code : 26502**

Time : 3 Hrs.

Max. Marks : 70

**INSTRUCTION TO CANDIDATES :**

1. SECTION-A contain SEVEN questions. Attempt any FIVE questions. Each question will carry TWO marks each.
2. SECTION-B contains EIGHT questions (Short Essay Type). Attempt any SIX questions. Each question will carry FIVE marks.
3. SECTION-C contains THREE questions (Long Essay Type). Attempt any TWO questions. Each question will carry FIFTEEN marks.

**SECTION-A**

1. How plasma is different from serum?
2. What are TIA?
3. Give reasons of hypoxia.
4. Define ganglia.
5. Give anatomical location of pituitary gland.
6. Outline systemic circulation.
7. Explain meaning of blood group B positive.

**SECTION-B**

8. Write a short note on nervous tissues.
9. Write a short note on spleen.
10. Draw a labelled diagram of heart.

11. Write a short note on basal ganglia.
12. Write a short note on adrenal gland.
13. Outline oogenesis in detail.
14. Discuss respiratory changes during exercise.
15. Explain physiology of muscle contraction.

#### SECTION-C

16. Write a detailed note on blood pressure regulation.
17. Discuss transport of respiratory gases in detail.
18. Write a detailed note on blood coagulation.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**