

[LM 801]

MAY 2018

Sub. Code: 3801

**PHARM. D DEGREE EXAMINATION**  
**(2009-2010 Regulation)**  
**FIRST YEAR**  
**PAPER I – HUMAN ANATOMY AND PHYSIOLOGY**

*Q.P. Code : 383801*

**Time : Three hours****Maximum : 70 Marks****I. Elaborate on:****(4 x 10 = 40)**

1. Explain in detail the negative feedback mechanism of Renin-Angiotensin-Aldosterone system.
2. Explain the structure of Renal glands with neat labeled diagram.
3. Enumerate the clotting factors and explain the mechanism of Blood coagulation.
4. Explain in detail the structure, hormones and functions of anterior pituitary gland.

**II. Write notes on:****(6 x 5 = 30)**

1. Contraceptive devices.
2. Explain the simple reflex arc.
3. Write the functions of liver.
4. Write about the different types of nervous tissue.
5. Micturition.
6. Explain the genetic basis of sex determination.

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