

[LE 801]

APRIL 2014

Sub. Code: 3801

**DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION****FIRST YEAR****PAPER I – HUMAN ANATOMY AND PHYSIOLOGY***Q.P. Code: 383801***Time: Three Hours****Maximum: 70 marks****Answer All questions****I. Elaborate on:****(2 x 20 = 40)**

1. Define Blood pressure. Write a note on blood pressure.  
How blood pressure is controlled and regulated?
2. Describe the features of thyroid gland.  
Explain the biosynthesis and functions of thyroid hormones.

**II. Write notes on:****(10 x 3 = 30)**

1. Structure of neuron.
2. Write a note on white blood cells and their functions.
3. Describe the anatomy of lungs.
4. Cerebrospinal fluid.
5. Genetic basis of sex determination.
6. Spleen and its functions.
7. Histology of retina.
8. Structure and functions of cerebellum.
9. Structure of kidney.
10. Write a note on various salivary glands. Give the composition and functions of saliva.

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