

[LD 801]

OCTOBER 2013

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. With suitable diagram explain the anatomy of human brain.
Name different heart sounds and its disorders.
2. Classify hormones with examples.
Explain the physiological functions, regulations and deficiency of GH.

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

1. Draw the structure white blood cells and give the functions.
2. Write the physiological changes focusing respiration, heart rate during exercise.
3. Classify tissues with suitable examples.
Draw the histological structure of squamous epithelium.
4. With the diagram explain the micturition response.
5. Explain the mechanism of vision.
6. Explain the anatomy of sympathetic system.
7. How gases are transported in the body?
8. What is ECG? With diagram explain the events of ECG.
9. Write the function and disorders of spleen.
10. Explain the properties of skeletal muscle.
