

[LO 801]

MAY 2019

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. Discuss in detail the composition and functions of blood. Add a note on disorders of platelets.
2. Define cardiac cycle. Discuss the various events taking place in a cardiac cycle with time sequences.
3. With a neat labeled sketch explain the parts of Nephron. Explain the mechanism of urine formation.
4. Explain about the female reproductive system with diagram. Add a note on spermatogenesis.

II. Write notes on:

(6 x 5 = 30)

1. Write a note on electrocardiogram.
2. Write a note on mechanism of respiration.
3. Explain the anatomy and physiology of skin.
4. Discuss the digestion and absorption of proteins.
5. Explain the properties of skeletal muscle.
6. Define the following:
 - a) Resuscitation
 - b) Megaloblastic anaemia
 - c) Lung volumes
 - d) Cushing syndrome
 - e) Muscle.
