

[PHARMD 0321]

MARCH 2021

Sub. Code: 3801

(OCTOBER 2020 EXAM SESSION)

PHARM. 'D' DEGREE EXAMINATION

FIRST YEAR (2009-2010 Regulation)

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 the composition of intestinal juice and write the functions of Small intestine.
2. Explain in detail the differences between the sympathetic and parasympathetic nervous system.
3. Explain in detail the structure, hormones and functions of Thyroid gland.
4. Write in detail the regulation of Respiration.

II. Write notes on:

(6 x 5 = 30)

1. Physiology of muscle contraction.
2. Electrocardiogram.
3. Spermatogenesis.
4. Write the various disorders of blood coagulation.
5. Explain the maintenance of acid base balance by the Kidneys.
6. Explain the structure of a Cell.
