

[LP 1019]

OCTOBER 2019

Sub. Code: 4013

M.Sc. MEDICAL PHYSICS DEGREE EXAMS

FIRST YEAR

PAPER III – ANATOMY, PHYSIOLOGY AND PATHOLOGY

Q.P. Code : 284013

Time : Three hours

Maximum : 100 marks

I. Elaborate on :

(2 x 20 = 40)

1. Describe the stomach and its parts. Explain its physiological functions.
2. Describe the cell division – Mitosis and Meiosis.

II. Write notes on :

(10 x 6 = 60)

1. Structure of muscles & Types of muscles.
2. Degeneration and Regeneration of neurons.
3. Anemia.
4. Female Reproductive System.
5. Types of neurons.
6. Functions of Liver.
7. Structure of the Heart.
8. Special Senses.
9. Structure of Cell Wall.
10. Haematological effects of Radiation.
