

**First Year B.Pharm Degree Supplementary Examinations
December 2017
HUMAN ANATOMY AND PHYSIOLOGY**

(2010 - Scheme)

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw diagrams wherever necessary.

Essay

(3x10=30)

1. Describe in brief the gross anatomy of G.I.T and its physiology.
2. Describe in detail about the structure, composition and functions of bones with a neat diagram.
3. Explain the anatomy of respiratory tract and mechanism of respiration

Short notes

(14x5=70)

4. Types of muscular tissue, their peculiarities and electrophysiology
5. Joints and their classification and disorders.
6. Reticuloendothelial system
7. Physiology of cell membrane and transport mechanisms
8. Physiology of thyroid and pancreas
9. Disorders of urinary system
10. Structure and functions of kidney
11. Disorders of female reproductive system
12. Mechanism of blood coagulation
13. Physiology of tongue and ear
14. Cardiac cycle
15. Functions of cerebellum
16. Significance of blood grouping
17. Homeostasis
