

First Year B.Pharm Degree Examinations, August 2016

HUMAN ANATOMY AND PHYSIOLOGY

(2012 - Scheme)

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw diagrams wherever necessary.

Essay

(3x10=30)

1. Explain the functions of liver in detail and draw a neat labeled diagram of liver.
2. What is autonomic nervous system and how it is classified. Describe the functions of sympathetic nervous system (2+ 3+5)
3. Explain the structure and function of heart with a neat diagram.

Short notes

(14x5=70)

4. Functions of medulla oblongata
5. Draw a neat labeled diagram of cell and explain the function of each organelle.
6. Explain in detail the physiology of vision.
7. Explain oogenesis and spermatogenesis
8. Synovial joint
9. Composition and function of blood.
10. Hypo and hyperthyroidism
11. Discuss the anatomy of lungs with a neat labeled diagram.
12. Process of micturition.
13. Carbohydrates digested.
14. Define reflex action. Draw and label the diagram of a reflex arc.
15. Explain erythroblastosis fetalis.
16. Classification of connective tissue and its functions
17. Explain ECG recording with a neat diagram.
