

First Year Pharm D Degree Supplementary Examinations - February 2015

Human Anatomy and Physiology

Time: 3 Hours

Total Marks: 70

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(3x10=30)

1. Define blood pressure and mention its normal value. Explain how blood pressure is regulated (2+1+7)
2. Explain the anatomy of spinal cord with a neat diagram along with its cross section showing nerve tracts and its function. Mention the functions of cerebrum (6+4)
3. Draw a labeled diagram of eye. Discuss the physiology of vision (4+6)

Short notes:

(8x5=40)

4. Erythroblastofaetalis
5. Pulmonary and coronary circulation
6. Transport of respiratory gases
7. Functions of adrenal hormones
8. Cranial nerves
9. Acid-base balance by kidney
10. Spermatogenesis
11. Drugs and athletics
