

First Year Pharm D Degree Supplementary Examinations - February 2014

Human Anatomy and Physiology

Time: 3 Hours

Total Marks: 70

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(3x10=30)

1. Explain the synthesis, storage and release of thyroid hormone. Enumerate any two functions of it. (8+2=10)
2. Describe the different phases of action potential in nerve fibers with a neat picture (8+2=10)
3. Explain the structural components of an animal cell with a labeled diagram (3+7=10)

Short notes:

(8x5=40)

4. Mechanical and chemical digestion in gastrointestinal tract
5. Events of erythropoiesis
6. Energy systems for muscle activity
7. Somatic, cranial and mixed nerves
8. Synovial joints
9. Functions of skin
10. Mechanism of inhalation and exhalation
11. Anatomy of eyeball
