

First Year B.Pharm Degree Supplementary Examinations June 2017

HUMAN ANATOMY AND PHYSIOLOGY

(2010 - Scheme)

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw diagrams wherever necessary.

Essay

(3x10=30)

1. Explain the following with neat diagram • neuron • nephron.
2. Describe in detail anatomy and physiology of heart.
3. Explain the functions of blood and lymphatic system

Short notes

(14x5=70)

4. Various types of synovial joint.
5. Briefly describe hepatic circulation.
6. Composition of pancreatic juice and its functions.
7. Physiology of cell membrane.
8. Describe the different phases of menstrual cycle.
9. Describe the anatomy and physiology of auditory system.
10. Mechanism of coagulation.
11. Explain the anatomy of the pituitary gland.
12. Composition and functions of cerebrospinal fluid.
13. The bones of the skull
14. Draw the structure of a human skin and give its functions.
15. Explain the regulations of erythropoiesis
16. Blood pressure
17. Explain the anatomy of respiratory tract.

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