

First Year B.Pharm Degree Examinations June 2017

HUMAN ANATOMY AND PHYSIOLOGY

(2012 - Scheme)

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw diagrams wherever necessary.

Essay

(3x10=30)

1. Describe the anatomy of ovary and explain about the various stages of menstrual cycle.
2. Define blood coagulation. Explain the mechanism of blood coagulation and the role of coagulation factors.
3. Describe the anatomy of stomach with a neat labeled diagram. Explain the mechanical and chemical digestion of food in stomach and small intestine

Short notes

(14x5=70)

4. Define and classify epithelial tissues and explain it briefly.
5. Explain human ECG
6. The functions of nephron and liver
7. Draw a neat labeled diagram of respiratory system. Mention major functions of respiratory system.
8. How human endocrine system helps to maintain normal blood calcium level.
9. Functions of skin
10. Common blood disorders.
11. Explain anatomy and functions of spleen
12. Mid brain
13. Difference between artery and vein
14. Pulmonary ventilation
15. Classify bones of adult skeleton
16. Pleura
17. Explain various transport mechanisms in the body for the transport of essential nutrients across the cell.
