

QP CODE:114006 (New Scheme)

Reg.No:

First Year B.Pharm Degree Supplementary Examinations, February 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 and physiology of pituitary gland.
2. Explain the histology of nervous tissue with the help of a neat, labeled diagram.
3. Mention the various types of blood cells. Describe the structure and functions of leucocytes.

Short notes

(14x5=70)

4. Clotting factors involved in blood coagulation process.
5. Cardiac cycle.
6. Process of spermatogenesis.
7. Transport mechanism across the plasma membrane.
8. Bone composition.
9. Mechanism of respiration.
10. Neuro-humoral transmission process.
11. Structure of kidney with a neat labelled diagram.
12. Distinguish between skeletal and smooth muscles.
13. Homeostasis. Explain the negative and positive feedback system in human body.
14. Functions of pancreas in digestion process.
15. Functions of medulla oblongata.
16. Anatomy of tongue.
17. Blood brain barrier and its significance
