

2012 Scheme

QP CODE: 114006

Reg. No:

First Year B. Pharm Degree Supplementary Examinations June 2024 Human Anatomy and Physiology

Time: 3 Hours

Total Marks: 100

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw table/diagrams/flow charts wherever necessary

Essay

(3x10=30)

1. Define hormones. What is the difference between endocrine and exocrine hormones. Write a detailed note on the pituitary gland. (1+1+8)
2. List out each organs and their functions of human respiratory tract. Describe the mechanism of respiration (5+5)
3. With a neat labelled diagram, explain the internal anatomy of the small intestine. What are the functions of the small intestine. (7+3)

Short notes

(14x5=70)

4. What are the three types of muscular tissue. List out any two differences between them.
5. Define homeostasis. Explain the mechanism of negative feedback mechanism.
6. Discuss the mechanism of coagulation.
7. Write a short note on systemic and pulmonary circulation.
8. Explain the mechanism of oogenesis.
9. Draw a neat labelled diagram of the eye.
10. List out any two functions of the cerebrum and cerebellum.
11. Discuss briefly the various steps involved in the formation of urine by the kidneys.
12. List out the functions of the liver.
13. Define extension, flexion, abduction and adduction.
14. Name any five cranial nerves and list out their functions.
15. Write a short note on cell junctions.
16. Define cardiac output, stroke volume, blood pressure and after load.
17. Give the composition of lymph. What are the functions of the lymphatic system.
