

Sippru

Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Examination – 25-Apr-2025

Time: Three Hours

Max. Marks: 70 Marks

HUMAN ANATOMY AND PHYSIOLOGY

(OR, RS & RS2)

Q.P. CODE: 2851

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. What is Cardiac cycle? Describe various events of cardiac cycle.
2. Discuss gross anatomy of respiratory system with suitable diagram.
3. Write the synthesis, storage, release and functions of thyroid hormones.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Describe the ABO system of blood grouping.
5. Write about the physiology of skeletal muscle contraction.
6. Classify connective tissues with examples.
7. Explain the structure of skin with a neat labelled diagram.
8. Explain the Haversian canal system of bone.
9. Write a note on conduction system of heart.
10. What are the functions of Hypothalamus?
11. Write composition and functions of gastric juice.

SHORT ANSWERS

10 x 2 = 20 Marks

12. What is anaemia? Mention its causes.
13. Effects of exercise on body heat.
14. Write surgical methods of family planning.
15. Define diabetes mellitus and diabetes insipidus.
16. Define Micturition.
17. What is synaptic cleft? State its function.
18. Write the composition of bile.
19. What is Myasthenia gravis?
20. Mention the layers and valves of the heart.
21. Write about the functions of spleen.

X