

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B. Pharm Degree Examination – 02-Nov-2023

Time: Three Hours**Max. Marks: 70 Marks****HUMAN ANATOMY AND PHYSIOLOGY (RS - 4)****Q.P. CODE: 2625**

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. Write down the composition of blood. Discuss the mechanism of blood coagulation.
2. Describe the different phases of menstruation cycle.
3. Discuss the anatomy and physiology of liver.

SHORT ESSAYS (Answer any Six)**6 x 5 = 30 Marks**

4. What is synovial joint? Give suitable examples.
5. Describe the mechanism of urine formation.
6. Write the physiology of vision.
7. Explain the normal ECG with labelled diagram and its significance.
8. What is internal respiration? Explain the mechanism of respiration.
9. What is hormones secreted by adenohypophysis and their functions.
10. Enumerate the functions of hypothalamus.
11. Discuss the difference types of epithelial tissues with examples.

SHORT ANSWERS**10 x 2 = 20 Marks**

12. Write the functions of mitochondria and endoplasmic reticulum.
13. Name the bones of appendicular skeleton.
14. What is CSF? Write the functions of CSF.
15. **Write any two functions of lymph node**
16. Draw and label schematic diagram of Neuron.
17. What do you mean by myxoedema and pheochromocytoma?
18. Write the functions of spleen.
19. What is renal clearance test? Mention its significance.
20. Write the layers and valves of the heart.
21. Write down the composition and functions of bile.
