

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B. Pharm Degree Examination – 22-Oct-2024

Time: Three Hours**Max. Marks: 70****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. Describe the structure and functions of plasma membrane.
2. Explain the mechanism of urine formation with structure of Nephron.
3. Describe the structure and explain the physiology of vision.

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

4. Write the neat labeled diagram of female reproductive system.
5. Discuss the physiology of hearing.
6. Write the functions of thyroid and parathyroid gland.
7. Write the functions of cerebellum.
8. Describe the main events of cardiac cycle.
9. Discuss the structure and function of neuromuscular junction.
10. Explain the mechanisms involved in blood clotting.
11. Discuss the anatomy of brain.

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

12. Name the disorders of Eye.
13. Arthritis.
14. Malignant tumour.
15. Myocardial infarction.
16. Tuberculosis.
17. Diabetes mellitus.
18. Insomnia.
19. Schizophrenia.
20. Depression.
21. Hepatitis.
