

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B. Pharm Degree Examination – 28-May-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. Discuss the digestion of carbohydrates and proteins.
2. Define haemopoiesis and discuss the steps involved in it.
3. Describe the anatomy of human brain and write the functions of thalamus and hypothalamus.

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

4. Write the classification of joints.
5. Explain the structure of eye with neat labeled diagram.
6. Explain the structure and functions of spleen.
7. Explain about the regulation of blood pressure.
8. Discuss the mechanism of regulation of respiration.
9. Write the functions of skin.
10. Name the hormones secreted by pituitary gland.
11. Explain the structure of nephron.

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

12. Muscular dystrophy.
13. Conjunctivitis.
14. Erectile dysfunction.
15. Renal calculi.
16. Alzheimer disease.
17. Epilepsy.
18. Gigantism.
19. Asthma.
20. Polycystic ovarian disease.
21. Gout.
