

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B. Pharm Degree Examination – 15-Mar-2021

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 a note on ABO system of blood grouping and write a note on Rh factor.
2. Explain the structures and functions organs of male reproductive system
3. Explain the anatomical features of sympathetic and parasympathetic nervous system.

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

4. What is cell cycle? Briefly explain its stages.
5. Write a brief note on ABO system of blood grouping.
6. Write the functions of bone.
7. Explain renal function tests.
8. Write the structure and functions of mammary gland.
9. Explain the anatomy of liver and write a note on bile juice.
10. Define tissue. Classify epithelial and muscular tissues with one example each.
11. Mention the hormones of adrenal gland. Write one function each.

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

12. Write the functions of saliva.
13. Define diffusion and osmosis.
14. Name the bones of the face.
15. Define cardiac cycle and mention its events.
16. Mention the bones of upper limb.
17. Define- Anorexia and GERD.
18. Mention the functions of thymus gland.
19. Functions of nucleus.
20. What is cardiac output?
21. Differences between cartilage and bone.
