

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: Three Hours**Max. Marks: 70 Marks**

HUMAN ANATOMY AND PHYSIOLOGY (RS-3)

Q.P. CODE: 2601

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 composition and functions of blood. Explain mechanism of clotting of blood
2. Explain anatomy of liver. Explain the functions of liver.
3. Define cardiac cycle. Explain the events of cardiac cycle.

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

4. Explain pulmonary and systemic circulation
5. Draw the structure of kidney and write its functions.
6. Explain Renin-Angiotensin-Aldosterone pathway.
7. Write the structure and functions of skin.
8. Explain the disorders of adrenal gland.
9. Classify joints. Add a note on synovial joints.
10. Write the functions of hypothalamus.
11. Name the salivary glands. Write the composition and functions of saliva.

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

12. Significance of ECG.
13. Types of anemia.
14. Mitochondria.
15. Name the parts of female reproductive system.
16. Vital capacity and tidal volume.
17. Functions of Oxytocin and Vasopressin.
18. Composition and function of lymph.
19. Normal values of RBC and HB.
20. Define micturition.
21. Contraceptive devices.
