

Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Examination – 28-May-2024

Time: Three Hours

Max. Marks: 70 Marks

HUMAN ANATOMY & PHYSIOLOGY (OS, RS & RS2) Q.P. CODE: 2851

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. Define Cardiac cycle. Describe the various events of cardiac cycle
2. Give an account on transport of oxygen and carbon dioxide in the blood
3. Describe the origination and functions of autonomic nervous system

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Write the mechanism of blood coagulation
5. Describe the structure and functions of spleen
6. Discuss the endocrine and exocrine secretions of pancreas
7. Role of Renin-Angiotensin-Aldosterone pathway in regulation of blood pressure
8. Explain the steps involved in the process of spermatogenesis
9. Draw a neat labeled diagram of eye and write the role of photoreceptors in vision
10. Write a note on physiology of urine formation
11. Draw a neat labeled diagram of cell and write the functions of nucleus and mitochondria

SHORT ANSWERS

10 x 2 = 20 Marks

12. Name the bones of Appendicular skeleton
13. What is Erythroblastosis fetalis?
14. Define Tidal volume. Write its normal value
15. Write the functions of ADH and oxytocin
16. Define angina pectoris and congestive cardiac failure
17. Write the functions of medulla oblongata and Pons
18. What is Myasthenia Gravis and Glaucoma?
19. What is Corpus Luteum?
20. Draw a neat labeled diagram of neuron
21. Write the effect of exercises on CVS
