

Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Examination – 15-Mar-2021

Time: Three Hours

Max. Marks: 70 Marks

HUMAN ANATOMY AND PHYSIOLOGY (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. Describe the process of Erythropoiesis and factors influencing erythropoiesis.
2. Write the composition and function of blood.
3. Write a neat, labelled diagram of eye and explain the physiology of vision.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Mention the cranial nerves.
5. Describe the structure of skeletal muscle.
6. Explain the anatomy of heart – using a neat labeled diagram.
7. Explain spermatogenesis.
8. Classify connective tissues with examples.
9. Write the functions of insulin and glucagon.
10. Describe the food absorption in small intestine.
11. Write a note on Renin-Angiotensin-aldosterone system.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Functions of ADH and Oxytocin.
13. Write main functions of CSF.
14. Mention the functions of pancreatic enzymes.
15. Define hypoxia and asphyxia.
16. Explain heart sounds.
17. Write the composition of lymph.
18. Write the functions of bone.
19. Internal respiration.
20. Describe the functions of Golgi and Mitochondria.
21. Define anatomical position, Sagittal plane.
