

Rajiv Gandhi University of Health Sciences, Karnataka

First Semester B. Pharm Degree Examination – 15-Mar-2021

Time: Three Hours

Max. Marks: 75 Marks

HUMAN ANATOMY AND PHYSIOLOGY - I

Q.P. CODE: 5001

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

All the questions are compulsory

LONG ESSAYS

2 x 10 = 20 Marks

1. Define cardiac cycle. Explain various stages involved in cardiac cycle
OR
List out the factors involved in blood coagulation and write the mechanism of blood clotting
2. Classify tissue with examples. Discuss epithelial and connective tissue with examples

SHORT ESSAYS

7 x 5 = 35 Marks

3. Draw neat labelled diagram of reflex arc and write its physiology
OR
Classify joints with examples
4. Explain neuromuscular junction with neat labeled diagram
OR
Write the difference between sympathetic and parasympathetic nervous system
5. Define and write the regulation of blood pressure
6. Write the structure and functions of skin
7. Discuss the functions of lysosomes, Ribosome and Golgi complex
8. Draw a neat labeled diagram of ear
9. Write the physiology of vision

SHORT ANSWERS

10 x 2 = 20 Marks

10. Write the transportation mechanism involved through the cell membrane
11. Write the functions of cell
12. What are anatomical positions of human body? Write its significance
13. Write the functions of bones of skeleton
14. Write the histology of bones
15. Write the composition of blood
16. Define a) Erythropoiesis b) Cardiac output
17. Name the organs involved in lymphatic system
18. Write the functions of Mitochondria
19. Write two differences between arteries and veins
