

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 is 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
