

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Pharm Degree Examination – 15-Mar-2021

Time: Three Hours

Max. Marks: 70 Marks

HUMAN ANATOMY AND PHYSIOLOGY (REVISED SCHEME 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. Explain the anatomy and functions of liver.
2. What is autonomic nervous system? Describe the distribution and functions of sympathetic and parasympathetic nervous system.
3. Draw a neat labeled diagram of ear. Explain the mechanism of hearing.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Write a note on erythropoiesis.
5. Explain physiology of muscle contraction.
6. What are the factors involved in the maintenance of blood pressure.
7. Digestion of carbohydrates in GIT.
8. With the help of a neat labeled diagram, explain the internal anatomy of heart.
9. Discuss the composition and functions of blood.
10. Discuss the structure and functions of spleen.
11. Classify joints with examples.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Effect of athletic training on skeletal muscles.
13. Normal values of Hemoglobin, RBC, WBC and Platelets.
14. Write the functions of Insulin.
15. Name the parts of female reproductive system.
16. Functions of Vasopressin and Oxytocin.
17. Define Dysbarism.
18. What is Myasthenia gravis?
19. Name the bones of skull.
20. Functions of hypothalamus.
21. Name the different contraceptive methods.
