

Rajiv Gandhi University of Health Sciences, Karnataka
I Year Pharma-D Examination - Aug / Sep 2011

Time: Three Hours

Max. Marks: 70 Marks

HUMAN ANATOMY & PHYSIOLOGY

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. With the help of a neat labeled diagram describe the internal anatomy of heart. Add a note on heart sounds
2. Draw a neat labeled diagram of ear. Explain the physiology of hearing
3. With the help of neat labeled diagram, describe the structure of nephron. Discuss the mechanism of urine formation

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Describe the internal structure and functions of testis
5. Write a note on Haversian system
6. Write the anatomical and physiological differences between sympathetic, parasympathetic and somatic nervous system
7. Write the composition and functions of blood
8. Write the structure and functions of stomach
9. What is reflex arc? Explain
10. Discuss the physiology of thyroid hormones
11. Explain the special features of medulla oblongata

SHORT ANSWERS

10 x 2 = 20 Marks

12. What is acromegaly?
13. What is vital capacity? Write the normal values
14. State the problems encountered at high altitudes
15. Define menopause
16. What is myopia? How is it corrected?
17. What is resuscitation?
18. Name the salivary glands. Give the composition of saliva
19. Name the drugs abused by athletes
20. What is parturition?
21. Define cardiac arrhythmias
