

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Pharm Degree Examination – August 2010

Time: Three Hours

Max. Marks: 80 Marks

HUMAN ANATOMY & PHYSIOLOGY (Revised Scheme - 2)

Q.P. CODE: 1951

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. Define ANS. Explain the nerve innervation of ANS. List its functions
2. Explain Physiology of respiration in detail
3. Discuss adrenal gland and its hormones in detail

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Describe the structure and functions of the conduction system of the heart
5. Write the factors affecting blood pressure
6. Classify leucocytes and write their functions
7. What is role of sex hormones in regulation of menstrual cycle?
8. Classify joints with examples
9. How carbohydrates are digested?
10. Describe the effects of exercise on respiratory system
11. What is reflex arc? Explain its working
12. Write a note on glomerular filtration
13. Write the functions of medulla oblongata

SHORT ANSWERS

10 x 2 = 20 Marks

14. What is erythropoietin?
15. Define DLC
16. Vasopressin
17. Cardiac output
18. Myasthenia gravis
19. Define anemia and list its types
20. What are the major constituents of plasma?
21. Write a note on mechanical contraceptive devices?
22. Addisons disease
23. Name the parts of the ear