

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Pharm Degree Examination – Sep 2012

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. Describe the various processes involved in urine formation
2. Enumerate the physiological difference between the sympathetic and parasympathetic nervous system
3. Draw and label the structure of an eye ball. Describe the physiology of vision

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. What are the functions of cerebellum
5. Explain the regulation of Renin – Angiotensin – Aldosterone Pathway
6. Write a note on ECG
7. Write notes on classification of epithelial tissues appropriate examples
8. Write notes on digestion and absorption of carbohydrates
9. Explain ABO system of blood grouping
10. What are the functions of spleen
11. What is pulmonary circulation? What are its functions
12. Write notes on medullary hormones
13. With the help of a neat diagram, explain the internal anatomy of heart

SHORT ANSWERS

10 x 2 = 20 Marks

14. What is Anemia? Mention the different types of anemia
15. Write brief notes on cardiac arrhythmias
16. Name the salivary glands and write down the functions of saliva
17. How are synovial joints classified
18. What are the effects of smoking on pulmonary ventilation
19. What are the functions of uterus
20. What is renal clearance
21. What are the non auditory functions of the ear
22. Write the normal values of Hemoglobin and RBC
23. List out the functions of WBC's
