

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Pharm Degree Examination – August 2010

Time: Three Hours

Max. Marks: 70 Marks

HUMAN ANATOMY & 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. Describe the anatomy, histology and functions of small intestine and stomach
2. Describe the functional areas and functions of the cerebrum
3. Describe the different phases of female reproductive cycle and explain the steps involved in Oogenesis

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Define ECG. Explain the electrical events of normal ECG
5. Discuss the structure and functions of muscular tissue
6. Describe the structure and functions of cell membrane
7. Describe the structure and functions of thymus gland
8. Write note on contraceptive devices
9. Discuss the internal structure of spinal cord
10. Explain the regulation of aldosterone secretion by the rennin-angiotension aldosterone pathway
11. Describe the different phases of cardiac cycle

SHORT ANSWERS

10 x 2 = 20 Marks

12. List the bones of Axial skeleton
13. Define congestive cardiac failure
14. Enlist the drug used in athletics
15. Functions of ADH and Oxytocin
16. Define cardiac arrhythmia and angina
17. Define asphyxia
18. Functions of rods and cones
19. Write the non-auditory functions of ear
20. What is the role of pacemaker in conduction of heart?
21. Define myelinated and non-myelinated neurone