

Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharma-D Examination – Feb / Mar 2012

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. Explain the functional areas of cerebrum
2. Explain the structure of eye. Describe the physiology of vision
3. Mention the hormones of anterior pituitary and write their functions

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Explain the role of Renin – angiotensin – aldosterone pathway in maintenance of BP
5. Explain the mechanical digestion in stomach
6. Write the functions of medulla oblongata
7. Classify epithelial tissue with examples. Explain squamous epithelial tissue
8. Explain ABO system of blood group
9. Mechanism of respiration
10. Describe the anatomical location, histology and physiological role of the pancreas
11. Explain spermatogenesis and oogenesis

SHORT ANSWERS

10 x 2 = 20 Marks

12. Oxygen therapy
13. Give the composition of lymph
14. Write the functions of thyroxin
15. Tubectomy and vasectomy
16. Draw neat labeled diagram of skin
17. Define: Hypoxia and Asphyxia
18. Functions of ribosome
19. Enlist bones of axial skeleton
20. Define: congestive cardiac failure and myocardial infraction
21. ECG
