

Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharma-D Examination – Sep 2013

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. What is cardiac cycle? Explain the various events takes place in cardiac cycle. Add a note on heart sound
2. Write the functions of blood. Explain the mechanism of coagulation of blood
3. Draw a neat labeled diagram of ear. Explain the physiology of hearing

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Define the blood pressure. Discuss the regulation of BP
5. Classify WBC. Explain the microscopic structure and functions of WBC
6. Structure and functions of lymph node
7. Write the functions of hypothalamus
8. Explain ECG. Mention the significance of each wave
9. Give the functions of posterior pituitary gland hormone
10. Classify joints with examples
11. Explain the physiology of gastric acid secretion

SHORT ANSWERS

10 x 2 = 20 Marks

12. *Name the facial cranial nerves.*
13. Draw a neat labeled diagram of nerve
14. Function of plasma membrane
15. What is Goiter? How do you treat goiter
16. What is renal clearance? Give its significance
17. Write the functions of pons
18. What is CSF? Give its functions
19. Name bones of cranium
20. Explain the role of corpus leutium
21. Define: Angina pectoris and Atherosclerosis
