

Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Examination – May-2019

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. Describe the structure of kidney and explain its functions.
2. What are the hormones secreted by the pituitary gland? Discuss the regulation of their secretion and physiological function.
3. Explain the mechanism of blood clotting. Discuss about the various factors affecting blood coagulation.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Explain the normal ECG with labeled diagram.
5. Describe the functions of ovary
6. Describe the structure of eyeball
7. Define limbic system. Explain several of its functions.
8. Explain the differences among skeletal, smooth and cardiac muscles.
9. What are joints? Classify the joints with examples.
10. Explain the mechanism of breathing
11. Describe the digestion in small intestine.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Name contraceptive methods.
13. What are the functions of skin?
14. Write the effect of exercises on CVS.
15. Why the nucleus is called the control center of the cell? Write its functions.
16. Write the general characteristics of epithelial tissue.
17. Enumerate the functions of hypothalamus
18. Write the functions of WBC
19. Define hypertension and hypotension.
20. Define vital capacity. Write its normal value.
21. What is renal clearance test? Mention its types.
