

Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Examination – May 2017

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. Draw neat labeled diagram of ear and explain the physiology of hearing
2. Write the anatomy of pancreas. Discuss the endocrine and exocrine secretions of
3. Describe the different phases of female reproductive cycle.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Write the structure of nephron with a neat labeled diagram
5. Write the functions of thyroxin.
6. Write a note on genetic basis of sex determination.
7. Classify leucocytes. Mention its functions.
8. Describe the sympathetic outflow.
9. Explain the normal ECG with labeled diagram.
10. Describe the functions of liver.
11. Explain the mechanism of breathing.

SHORT ANSWERS

10 x 2 = 20 Marks

12. What are olfactory and gustatory receptors?
13. Mention the proteins of skeletal muscle.
14. Effects of exercises on CVS
15. Write the functions of lysosomes and chromosomes
16. Classify simple epithelium with examples.
17. Write the histology of bone
18. Write the normal values and life span of the following:
(a)Hb; (b) WBC; (c) RBC; and (d) platelets
19. What is lymphoedema and Splenomegaly?
20. Mention the layers and valves of the heart.
21. Name digestive enzymes.
