

**Rajiv Gandhi University of Health Sciences, Karnataka**  
I Year Pharma-D Examination – Mar 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. Draw a neat labeled diagram of digestive system. Discuss the functions of liver.
2. Draw a neat labeled diagram of brain. Explain the functions of Cerebral Cortex and Cerebellum.
3. Draw a neat sketch of nephron. Explain how urine is formed.

**SHORT ESSAYS (Answer any Six)**

**6 x 5 = 30 Marks**

4. Discuss the process of digestion in stomach.
5. Write the composition of Blood.
6. Explain cardiac cycle.
7. Describe different contraceptive methods.
8. Discuss the functions of thyroxine.
9. Write a note on cell.
10. Write a neat diagram of eye and explain the structure.
11. Write a note on muscular tissue

**SHORT ANSWERS**

**10 x 2 = 20 Marks**

12. Name muscles of respiration.
13. Write the histology of bone.
14. Write the normal value and life span of RBC and platelets.
15. Write the functions of nucleus.
16. Write the significance of heart beat.
17. What are the functions of lymph node?
18. Classify joints with examples.
19. What do you mean by positive feed back mechanism?
20. What are the functions of skin?
21. Write a note on salivary glands.

\*\*\*\*\*