

Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Examination – June/July 2014

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. Explain the chemical digestion of carbohydrates, proteins & fats in small intestine.
2. Describe the transport of oxygen & carbon dioxide during external & internal respiration.
3. Explain the different functional areas of cerebrum.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Explain female contraceptive devices.
5. Explain ABO system of blood group.
6. Draw neat labeled diagrams of neuron & section of Spinal cord.
7. Write the composition and functions of cerebro spinal fluid.
8. Describe the internal structure & functions of testis.
9. Compare the physiological functions of sympathetic & parasympathetic nervous systems.
10. Write a note on different types of leucocytes.
11. Write the functions of posterior pituitary gland hormones.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Haversian system.
13. Define hypertension & hypotension.
14. Explain Micturition.
15. Compare functions of insulin & glucagon.
16. Write the functions of plasma membrane.
17. Mention the parts of the Ear.
18. Define Anemia. Name different types of anemia.
19. Composition of lymph.
20. Define hypoxia & asphyxia.
21. Write the normal values of a) RBC count b) Clotting time c) Platelet count & d) Tidal volume.
