

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Pharm Degree Examination – NOVEMBER 2015

Time: Three Hours

Max. Marks: 70 Marks

HUMAN ANATOMY & PHYSIOLOGY (Revised Scheme 3)

Q.P. CODE: 2601

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 eye. Describe the mechanism of vision.
2. Write the composition of blood. Explain the blood coagulation.
3. Enlist the hormones secreted from pituitary gland and write their functions.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Explain menstrual cycle.
5. Compare the physiological functions of Sympathetic and Parasympathetic nervous system.
6. Describe the conduction system of heart.
7. Discuss the functions of liver.
8. Discuss the functions of cerebellum and medulla oblongata.
9. Describe the structure and functions of spleen.
10. Discuss the mechanism of respiration.
11. Discuss the mechanism of urine formation.

SHORT ANSWERS

10 x 2 = 20 Marks

12. What is parturition?
13. What are the functions of CSF?
14. Name the bones of face.
15. Name the hormones secreted by pancreas and mention their functions.
16. What are the functions of pulmonary and aortic valves?
17. What is anaemia and hemophilia?
18. Effect of exercise on respiratory system.
19. Functions of leucocytes.
20. Function of bile juice.
21. Name the ducts of the male reproductive system from Proximal to distal end.