



Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Examination – NOV 2016

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. Enlist the clotting factors and explain the mechanism of coagulation of blood.
2. Draw a neat labeled diagram of nephron and explain the physiology of urine formation.
3. Explain the exchange of gases during internal and external respiration.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Discuss the functions of liver.
5. Explain the physiology of hearing.
6. Write a note on regulation of blood pressure.
7. Enlist cranial nerves and give their functions.
8. Write a note on hormonal and barrier methods of contraception.
9. Classify WBC and describe their functions.
10. Describe the functions of sympathetic nervous system.
11. Explain the structure and functions of plasma membrane.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Name the bones of face.
13. Significance of ECG.
14. Functions of lymph.
15. Define anaemia and list out different types of anaemia.
16. Functions of oxytocin.
17. Functions of pancreas.
18. Write a note on mitochondria.
19. Functions of thyroxine.
20. Enlist any four clotting factors.
21. Functions of rods and cones.

