

Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Examination – MAY-2018

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. Write the synthesis, storage, release and functions of thyroid hormones.
2. Explain the steps involved in the process of spermatogenesis and oogenesis.
3. Draw a neat labeled diagram of nephron and describe how urine is formed?

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Describe the ABO system of blood grouping.
5. Describe the anatomy and functions of spleen.
6. Explain the normal ECG with labeled diagram.
7. Explain mechanism of breathing.
8. Write composition and functions of gastric juice.
9. What are the functions of medulla oblongata and Pons?
10. Classify joints with examples.
11. Explain the physiology of skeletal muscle contraction.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Mention the components of a cell.
13. Classify muscular tissue with examples.
14. Thrombocytopenia purpura.
15. Write the composition of lymph.
16. Write the symptoms of Addison's disease.
17. Write exocrine functions of pancreas
18. Write the functions of olfactory and optic nerve.
19. Functions of ADH and oxytocin
20. What is corpus luteum? Mention its functions.
21. What is glaucoma?
