

Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Examination – DEC-2018

Time: Three Hours

Max. Marks: 70 Marks

HUMAN ANATOMY AND PHYSIOLOGY (RS & RS2)

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. Describe the structure and functional areas of cerebrum.
2. Describe the process of Erythropoiesis and factors required or influencing erythropoiesis.
3. Explain how digestion of carbohydrates, proteins and fats take place.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Name salivary glands and discuss the composition and functions of saliva
5. What are the functions of medulla oblongata and Pons?
6. Role of kidney in maintaining acid-base balance.
7. Write the functions of insulin and glucagon.
8. Write a note on genetic basis of sex determination.
9. Discuss the factors regulating blood pressure.
10. Draw a neat labeled diagram of cell and write the function of nuclear.
11. Describe the anatomy and functions of spleen.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Write the effects of exercise on respiration.
13. Define the term Rigor-Mortis.
14. Functions of photoreceptors.
15. Define the terms- menarche and menopause.
16. Write the functions of lysosomes and chromosomes.
17. Write outcome of hyperthyroidism.
18. What is a ganglion? Give its role in nervous system.
19. Mention the functions of stomach.
20. Define Dysbarism and Tidal volume.
21. Write functions of plasma proteins.
