

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Pharm Degree Examination – Sep 2013

Time: Three Hours

Max. Marks: 80 Marks

HUMAN ANATOMY & PHYSIOLOGY (Revised Scheme - 2)

Q.P. CODE: 1951

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. *Explain the different functional areas of Cerebrum*
2. Explain the different organs of digestive system. Describe the mechanism of digestion and absorption.
3. *Mention the secretions of pituitary gland. Discuss their functions.*

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Draw a neat, labeled diagram of skin.
5. Write a note on lymphatic system.
6. List the functions and constituents of plasma.
7. Write the functions of liver.
8. Describe glomerular filtration.
9. Describe the functions of medulla and pons.
10. Explain the anatomy of heart.
11. Classify tissues with examples. Explain structure of cardiac muscle.
12. Explain the muscle physiology.
13. Write a note on transport of respiratory gases.

SHORT ANSWERS

10 x 2 = 20 Marks

14. What is endoplasmic reticulum?
15. Write a note on hypoxia.
16. Define Arteriosclerosis.
17. What is enterohepatic circulation?
18. Mention the effects of exercise on body fluids.
19. Write the effect of smoking on pulmonary ventilation.
20. Name salivary glands.
21. What are thyroid and parathyroid hormones?
22. Define mitochondria.
23. What is the difference between skeletal & cardiac muscle?
