

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B. Pharm Degree Examination – DEC-2018

Time: Three Hours

Max. Marks: 70 Marks

HUMAN ANATOMY & PHYSIOLOGY (RS - 4)

Q.P. CODE: 2625

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 composition and functions of blood.
2. Explain the anatomy of spinal cord and mention the cranial nerves.
3. Explain cardiac cycle.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Draw a neat labelled diagram of a cell and mention one function each organelle of a cell.
5. Explain the structures of connective tissues with one example each.
6. Explain the transportation of carbon dioxide through respiratory system and blood.
7. Explain the biosynthesis and functions of thyroid hormones.
8. Explain spermatogenesis and oogenesis.
9. Mention various proteins of Sarcomere. Explain the effects of exercise on muscle.
10. Explain the structure of neurone with neat labeled diagram.
11. What is a joint? Classify joints with examples.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Define Anatomy & Physiology.
13. Write the differences between cardiac and skeletal muscles.
14. Define- Hypotension, Atherosclerosis.
15. Define- Glomerulo nephritis, Renal fibrosis.
16. Define –Residual volume and Total Lung Capacity.
17. Define- Conjunctivitis, Psoriasis.
18. Mention the bones of lower limb.
19. Write the functions of bile juice.
20. Define- Thrombocytopenia and leucocytosis.
21. Write the functions of parathyroid hormones.
