

Rajiv Gandhi University of Health Sciences, Karnataka

First Semester B.Pharm Degree Examination – DEC-2018

Time: Three Hours**Max. Marks: 75 Marks**

Human Anatomy and Physiology - I

Q.P. CODE: 5001

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 constituents of blood and their functions.
2. Explain the anatomy of spinal cord and mention the cranial nerves.
3. What is blood pressure? Explain the regulation of blood pressure.

SHORT ESSAYS (Answer any Seven)**7 x 5 = 35 Marks**

4. Explain about meiosis.
5. Write the functions of bones.
6. Explain conduction system of heart.
7. What is haemopoiesis? Explain its stages.
8. Explain the lymphatic circulation and functions of lymphatic system.
9. Draw a neat labelled diagram of neuron and write the functions.
10. Write the functions of RBC and factors affecting the synthesis of haemoglobin.
11. Write the differences between sympathetic and parasympathetic nervous system.
12. What is blood grouping? Write its significance in blood transfusion.

SHORT ANSWERS**10 x 2 = 20 Marks**

13. Write cytoskeletal structure and their functions.
14. Mention the bones of vertebral column.
15. Write the functions of nucleus.
16. What is iron deficiency anaemia and factors influencing it?
17. What is synaptic cleft? State its function.
18. Define Myocardial infarction and Angina pectoris.
19. Write the normal count RBC and WBC.
20. Write about rods and cones.
21. Mention the bones of the lower limb.
22. What is Neuro muscular junction?
