

Rajiv Gandhi University of Health Sciences, Karnataka
First Semester B.Pharm Degree Examination – May-2019

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. Draw a neat labeled diagram of ear and explain the physiology of hearing.
2. Write the composition and functions of blood.
3. Describe systemic and coronary blood circulation.

SHORT ESSAYS (Answer any Seven)

7 x 5 = 35 Marks

4. Define and explain the stages of erythropoiesis.
5. Describe the stages of cell division.
6. Explain physiology of muscle contraction.
7. Classify joints with examples.
8. Describe structure and functions of spleen.
9. Describe ABO system of blood grouping.
10. Describe the physiological effects of sympathetic stimulation.
11. What is ECG? Briefly explain each component of ECG.
12. Describe the factors regulating blood pressure.

SHORT ANSWERS

10 x 2 = 20 Marks

13. Write the functions of nucleus.
14. Classify epithelial tissue.
15. Write the functions of plasma membrane.
16. Define neuro muscular junction.
17. Write the functions of skin.
18. Name the bones of cranium.
19. Write the composition of lymph.
20. Name different cell junctions.
21. Write the functions of bone.
22. Define atherosclerosis and congestive cardiac failure.
