

Rajiv Gandhi University of Health Sciences, Karnataka

First Semester B.Pharm Degree Examination – MAY-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. Explain erythropoiesis. Write about factors which affect the erythropoiesis.
2. Explain the structure of ear and physiology of hearing.
3. Explain internal anatomy and the structure of the heart using neat labelled diagram.

SHORT ESSAYS (Answer any Seven)

7 x 5 = 35 Marks

4. What is cell cycle? Briefly explain its stages.
5. Classify joints? Write about synovial joints with examples.
6. Explain Renin – angiotensin – aldosterone pathway.
7. Classify WBC and write the morphology and functions of WBC.
8. Explain the structure and functions of spleen.
9. Explain the structures of connective tissues with one example each.
10. Define anaemia and list out causes and types.
11. Classify peripheral nervous system and explain about autonomic and somatic nervous system.
12. Explain the structure and functions of platelets.

SHORT ANSWERS

10 x 2 = 20 Marks

13. Define pinocytosis and phagocytosis.
14. Mention the bones of the face.
15. Functions of Endoplasmic Reticulum.
16. What is Rh incompatibility?
17. List out the sacral nerves and their functions.
18. Define hypertension and hypotension.
19. Write composition of lymph.
20. Write about auditory ossicles and their functions.
21. Briefly explain Haversian system of bone.
22. Define rickets and gout.
