

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B. Pharm Degree Examination – May 2017

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 ESSAY (Answer any Two)

2 x 10 = 20 Marks

1. Explain in detail the events of cardiac cycle with diagram.
2. Explain the structure of ear and physiology of hearing.
3. Explain the structure and functions of platelets using diagram.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Explain the structure of neurone with a neat labelled diagram.
5. Explain the physiology of urine formation.
6. Explain the transportation of oxygen through respiratory system and blood.
7. What is neuro muscular junction and explain the physiological properties of skeletal muscles.
8. Mention the hormones of adrenal gland. Write one function each.
9. Write the physiology of skeletal muscle contraction.
10. Explain the structure and functions of lymph nodes.
11. Explain the stages of pregnancy.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Define –Epilepsy and Anxiety.
13. What is Erythroblastosis foetalis?
14. Mention the functions of hormones of posterior pituitary glands.
15. Define leucopoiesis and thrombopoiesis.
16. Define the terms- Renal Calculi, Cystitis.
17. Mention the phases of menstrual cycle.
18. Write the differences between diabetes insipidus and diabetes mellitus.
19. Define- Gigantism and Dwarfism.
20. Mention the differences between RBC and WBC.
21. Classify leucocytes with examples.
