

Rajiv Gandhi University of Health Sciences, Karnataka

I Year Pharm-D Examination – 29-May-2023

Time: Three Hours

Max. Marks: 70 Marks

HUMAN ANATOMY AND PHYSIOLOGY (OR, RS & RS2)

Q.P. CODE: 2851

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 different phases of menstrual cycle.
2. **Draw a neat, labelled diagram of nephron and describe the formation of urine.**
3. Describe the anatomy of liver and mention its functions.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Write the exocrine functions of pancreas.
5. Write a brief note on ABO system of blood grouping.
6. **Write a note on sex determination (Genetic basis).**
7. Write a note on disorders of lymphatic system.
8. Explain systemic and pulmonary circulation.
9. Write the functions of Autonomic nervous system.
10. Write the functions of hormones of anterior pituitary gland.
11. Describe the Anatomy of ear.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Write the normal values and life span of the following.
a) Hb; b) WBC; c) RBC; d) Platelets.
13. Mention the factors affecting blood pressure.
14. Classify nervous system.
15. Define Thyrotoxicosis and Cretinism.
16. Mention the parts of eye.
17. Describe mitochondria and mention its functions.
18. Mention the bones of the upper limb.
19. Mention the descriptive terms used in Anatomy.
20. Define oxygen therapy and resuscitation.
21. Mention the physiological properties of skeletal muscle.
