

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Pharm Degree Examination – 29-May-2023

Time: Three Hours**Max. Marks: 70 Marks**

HUMAN ANATOMY AND PHYSIOLOGY (RS-3)

Q.P. CODE: 2601

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. Define hormone. Discuss various feedback mechanism involved in the secretion of Hormones.
2. Draw a neat labelled diagram of digestive system and discuss the digestion of carbohydrates.
3. Draw a neat labelled diagram of cerebrum showing functional areas and write the functions of cerebrum and cerebellum.

SHORT ESSAYS (Answer any Six)**6 x 5 = 30 Marks**

4. List out the bones of skull.
5. Explain electrocardiogram. Mention the different waves of ECG.
6. Write a note on Renin-angiotensin system.
7. Explain the physiology of muscle contraction.
8. Write note on oral contraceptives.
9. Discuss the functions of ear.
10. Describe the anatomy of kidney with neat labelled diagram.
11. Describe the events in spermatogenesis.

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

12. Define and mention different types of anemia.
13. Classify joints with examples.
14. Adrenaline.
15. Write the effects of exercises in cardio vascular system.
16. Juxta glomerular apparatus.
17. Define hypertension and atherosclerosis.
18. Write the functions of plasma membrane.
19. What is peptic ulcer?
20. Functions of skin.
21. Write a note on respiratory volumes.
