

Rajiv Gandhi University of Health Sciences, Karnataka

Second Semester B.Pharm Degree Examination – 03-Nov-2023

Time: Three Hours

Max. Marks: 75

Human Anatomy and Physiology-II **Q.P. CODE: 5005**

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

All the questions are compulsory

LONG ESSAYS

2 x 10 = 20 Marks

1. Explain the structure of the brain with the help of neat labelled diagram and write the functions of cerebrum and cerebellum
OR
Explain the structure and functions of pituitary gland
2. Explain the structure and functions of nephron. Explain the physiology of urine formation

SHORT ESSAYS

7 x 5 = 35 Marks

3. List out the functions of cerebrospinal fluid
OR
Explain the mechanism of respiration
4. Write the structure and functions of stomach with the help of neat labelled diagram
OR
Explain the physiology of menstrual cycle
5. Explain oogenesis.
6. Explain various lung volume and lung capacities.
7. List out the hormones secreted by the thyroid and parathyroid gland. Explain their functions
8. Explain production and regulation of acid in stomach.
9. With neat labelled diagram explain the structure of kidney.

SHORT ANSWERS

10 x 2 = 20 Marks

10. Write the functions of astrocytes.
11. Write the structure and functions of neuron.
12. List out the functions of large intestine.
13. Explain reflex arc.
14. Define GERD and diarrhea.
15. Give the composition and functions of saliva.
16. Name the organs involved in respiratory system.
17. What is artificial respiration?
18. Give the functions of endocrine system.
19. Enlist different sex hormones.
