

Rajiv Gandhi University of Health Sciences, Karnataka

Second Semester B.Pharm Degree Examination – 03-Jan-2020

Time: Three Hours**Max. Marks: 75 Marks**

Human Anatomy and Physiology-II

Q.P. CODE: 5005

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. Mention the hormones of pituitary gland and write their function.
2. With a neat labeled diagram describe the structure of nephron. Explain physiology of urine formation.
3. Write the structure of lungs with neat labelled diagram and explain the Mechanism of respiration.

SHORT ESSAYS (Answer any Seven)**7 x 5 = 35 Marks**

4. Write the anatomy and physiology of stomach.
5. Explain the biosynthesis and functions of thyroid hormones.
6. Explain the structure and functions of testis.
7. Mention the functions of thalamus and hypothalamus.
8. Write the physiology of menstrual cycle.
9. Explain in detail about rennin angiotensin system.
10. Write the structure and functions of salivary gland.
11. Explain Oogenesis.
12. Describe the composition and functions of cerebrospinal fluid.

SHORT ANSWERS (Answer All)**10 x 2 = 20 Marks**

13. Define-Micturition.
14. Define-Gigantism and Dwarfism.
15. Write the functions of stomach.
16. Classify neuroglia.
17. Define Tidal volume and Vital capacity.
18. Pheochromocytoma, diabetes insipidus.
19. Composition and functions of bile.
20. Define-action potential and synapse.
21. Write the functions of oxytocin.
22. Write the diagram of neuron.
