

Rajiv Gandhi University of Health Sciences, Karnataka

Second Semester B.Pharm Degree Examination – 16-Nov-2022

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. Draw a neat labelled diagram of brain. Write two functions of each part of the brain.

OR

Explain in detail the mechanism of respiration.

2. Mention the hormones of pituitary gland and write their function.

SHORT ESSAYS

7 x 5 = 35 Marks

3. Classify nervous system. Explain the functional areas of cerebrum.

OR

Write the anatomy and physiology of stomach.

4. Explain the physiology of urine formation.

OR

Explain the biosynthesis and functions of thyroid hormones.

5. Explain the structure and functions of testes.

6. Mention the salivary glands. Write the composition and functions of saliva.

7. **Explain the functions of liver.**

8. Anatomy and physiology of mammary glands.

9. Explain Oogenesis.

SHORT ANSWERS

10 x 2 = 20 Marks

10. **Write a note on Meninges.**

11. Define-Micturition.

12. Define-Acromegaly, diarrhoea.

13. What are ventricles of the brain?

14. Define peptic ulcer.

15. Define-Gigantism and Dwarfism.

16. **Enlist genetic inheritance disorders**

17. Define polycystic ovarian disease.

18. Define anorexia and GERD.

19. **Define vital capacity and tidal volume**
