

# Rajiv Gandhi University of Health Sciences, Karnataka

## Second Semester B.Pharm Degree Examination – DEC-2018

**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. Explain the structure and functions of kidney, with mechanism of urine formation.
2. Explain in detail different functional areas of cerebrum with its functions.
3. Explain the biosynthesis and functions of thyroid hormones.

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

4. Describe the functions of medulla oblongata and pons.
5. Explain the functions of liver.
6. Explain the events of Menstrual cycle.
7. Explain in detail about rennin angiotensin system.
8. Explain the phases of gastric acid secretion.
9. Explain with neat labelled diagram explain respiratory tract.
10. Explain layers of GIT.
11. Explain the structure and functions of parathyroid gland.
12. Explain the structure and functions of ovary.

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

13. Write the functions of thalamus.
14. Define internal and external respiration.
15. Explain Extrapyramidal tract.
16. Differentiate between diabetes and diabetes mellitus.
17. Define afferent and efferent nerves.
18. Write the functions of pineal gland.
19. Define the terms liver cirrhosis and hepatitis.
20. Write the structure and functions and sperm.
21. Write about movement of large intestine.
22. Explain seminiferous tubules.

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