

# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Pharm Degree Examination – DEC-2018

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

## HUMAN ANATOMY & PHYSIOLOGY (Revised Scheme 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. Draw a neat labeled diagram of ear. Explain the mechanism of hearing.
2. Mention the different parts of the brain. Write the functions of hypothalamus and medulla oblongata.
3. Explain the synthesis, storage and secretion of thyroid hormones. Mention the functions of thyroxine.

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

4. Describe the digestion of food in small intestine.
5. Describe the composition and functions of the blood.
6. Explain the mechanism of respiration.
7. Explain the physiology of menstrual cycle.
8. What are tissues? Classify epithelial tissue with examples.
9. Write the structure of nephron with a neat labeled diagram.
10. Explain different family planning methods.
11. Classify the joints with examples.

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

12. Define peptic ulcer and jaundice.
13. Define and label deflection waves of normal ECG.
14. Effect of exercise on CVS
15. Write the composition and functions of CSF.
16. Write the functions of the spleen.
17. Name the muscles of respiration.
18. Define Addison's disease.
19. Define Myocardial infarction and Angina pectoris.
20. What is tidal volume and vital capacity?
21. What is anemia? Mention different types of anemia.

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