

# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Pharm Degree Examination – Sep 2012

**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. How does the digestion of carbohydrates, fats and proteins take place?
2. Discuss the adrenal gland and its hormones in detail
3. Discuss contraceptive devices in detail

### SHORT ESSAYS (Answer any Six)

**6 x 5 = 30 Marks**

4. Write the functions of spleen
5. Describe the structure and functions of conduction system of the heart
6. Describe the structure and functions of platelets
7. Name the bones of skull
8. What is the clinical significance of Rh-factor?
9. Describe the sympathetic nervous system
10. How are thyroid hormones formed, stored and secreted
11. Discuss the non hearing function of ear

### SHORT ANSWERS

**10 x 2 = 20 Marks**

12. Define Hypertension and Hypotension
13. Megaloblastic anaemia
14. Draw a neat labeled diagram of neurone
15. Write the composition of lymph
16. Classify joints with examples
17. Define and label deflection waves of normal ECG
18. Vasopressin
19. Adrenalin
20. Dwarfism
21. Progesterone

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