

# Rajiv Gandhi University of Health Sciences, Karnataka

## I Year B.Pharm Degree Examination – 15-Nov-2022

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

### **HUMAN ANATOMY AND PHYSIOLOGY (RS-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. Define and classify contraceptives. Write a note on contraceptive devices.
2. Explain respiratory gaseous movement during external and internal respiration with a neat labelled diagram.
3. Write neat labelled diagram Nephron and describe in detail physiology of urine formation.

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

4. Describe the structure and functions of W.B.C
5. Explain the structure and functions of ovary.
6. Classify epithelial tissues with example. Explain squamous epithelium.
7. Explain the digestion in small intestine.
8. Describe the sympathetic nervous system.
9. Name the salivary glands and write composition and functions of saliva.
10. What are the functions of insulin and glucagon?
11. Explain ABO system of blood group.

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

12. Name the ventricles of brain.
13. Draw a neat labeled diagram of neuron.
14. What is the role of body fluids and salt in exercise?
15. What is vital capacity? What is its normal value?
16. Name the bones of cranium.
17. Dwarfism.
18. Vasopressin.
19. Define hypoxia. Mention its types.
20. Hypertension.
21. Name any two endocrine and exocrine glands.

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