

# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – APRIL-2019

Time: 3 Hours

Max. Marks: 38 Marks

## **Physiology** **Q.P. Code : 1754**

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary  
**(Note : Both QP Codes 1753 and 1754 are to be answered within total duration of 3 hours)**

### **LONG ESSAYS (Answer any One)**

**1 x 10 = 10 Marks**

1. Describe in detail about clotting mechanism.
2. Describe the mechanism of respiration.

### **SHORT ESSAYS (Answer any Four)**

**4 x 5 = 20 Marks**

3. Describe factors regulating cardiac output.
4. Enumerate functions of liver.
5. Define glomerular filtration rate and describe factors regulating it.
6. Describe the structure and functions of neutrophils.
7. What is referred pain? Explain the theories for the referred pain.

### **SHORT ANSWERS**

**4 x 2 = 8 Marks**

8. Name the Antibodies.
9. Draw neat, labeled diagram of taste bud.
10. How much is total body water? How is it distributed in the body?
11. Write the actions of testosterone.

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