

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – Sep 2012

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. Name the salivary glands. Give the composition and functions of salivary juice.
2. Describe neuromuscular junction with neat-labeled diagram and explain the mechanism of transmission of nerve impulse across it.

SHORT ESSAYS (Answer any Four)

4 x 5 = 20 Marks

3. Describe lung volumes and capacities with spirogram.
4. What are different functions of kidney and draw a neat diagram of nephron.
5. Name the posterior pituitary hormones and add a note on their functions.
6. List the contents and functions of middle ear.
7. Classification of receptors with examples.

SHORT ANSWERS

4 x 2 = 8 Marks

8. Functions of haemoglobin.
9. Types of neuroglia.
10. Name the primary and secondary sex organs in females.
11. Functions of rods and cones.
