

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – September 2014

Time: 3 Hours

Max. Marks: 40 Marks

Physiology **Q.P. Code : 1677**

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary
(Note : Both QP Codes 1677 and 1678 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. Name the respiratory centres and describe neural regulation of respiration.
2. Classify Leucocytes. Describe their morphology. Add a note on its functions.

SHORT ESSAYS (Answer any Four)

4 x 5 = 20 Marks

3. Enumerate the functions of stomach
4. Draw a neat, labeled diagram of neuro muscular junction. What is Myasthenia Gravis?
5. Describe actions of growth hormone
6. Name the family planning methods in both males and females
7. Glomerular Filtration rate

SHORT ANSWERS

5 x 2 = 10 Marks

8. Functions of cerebellum
9. Draw a neat, labeled diagram of neuron.
10. List differences between first and second heart sound
11. Mention any two lung volumes and two lung capacities. What is their normal value?
12. List four functions of plasma proteins
