

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – OCT-2018

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. Classify Leukocytes. Describe the morphology and functions of leukocytes.
2. Describe the mechanism of transmission of impulse across neuromuscular junction.

SHORT ESSAYS (Answer any Four)

4 x 5 = 20 Marks

3. Describe the conducting system of the heart.
4. Define GFR. Describe the factors regulating GFR.
5. Neuroglia
6. Explain the various lung volumes and capacities.
7. Describe the functions of thyroid hormones.

SHORT ANSWERS

5 x 2 = 10 Marks

8. What is Tubectomy?
9. Define Hypoxia. Mention its types.
10. Draw a neat diagram of nephron and label the parts.
11. Enumerate two functions of progesterone.
12. Define blood pressure. What is its normal value?
