

Rajiv Gandhi University of Health Sciences, Karnataka
I Year B.Sc. (Nursing - Basic) Degree Examination – OCT-2019

Time: 3 Hours

Max. Marks: 40 Marks

PHYSIOLOGY

(Revised Scheme)

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 WBC'S and explain the morphological and functions of WBC'S with the help of diagrams.
2. Define cardiac cycle and explain the mechanical events occurring in it with a help of a neat labelled diagram.

SHORT ESSAYS (Answer any Four)

4 x 5 = 20 Marks

3. Describe the juxta glomerular apparatus and their functions.
4. Explain the pain pathway with the help of a diagram.
5. Explain the errors of refractions and their correction.
6. Draw a spirogram and explain the lung volumes and capacities.
7. Describe the transmission of impulse across the neuromuscular junction.

SHORT ANSWERS

5 x 2 = 10 Marks

8. Draw a neat labelled diagram of a neuron.
9. List the properties of reflex.
10. State Landsteiner's law.
11. List the non-excretory functions of kidney.
12. What is Acromegaly?
