

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – APRIL 2015

Time: 3 Hours

Max. Marks: 50 Marks

Physiology **Q.P. Code : 1747**

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary

(Note : Both QP Codes 1746 and 1747 are to be answered within total duration of 3 hours)

LONG ESSAYS (Any one)

1 x 10 = 10 Marks

1. Describe the classification and functions of WBC's.
2. Define cardiac cycle. Explain the different phases of cardiac cycle.

SHORT ESSAYS (Any five)

5 x 5 = 25 Marks

3. Transport of oxygen in blood
4. Neuromuscular transmission
5. Spermatogenesis
6. Middle ear contents and its functions
7. Functions of Insulin
8. Intrinsic pathway of coagulation
9. Functions of hypothalamus

SHORT ANSWERS

5 x 3 = 15 Marks

10. Define GFR. Give its normal value.
11. Temperature regulation
12. Reflex action
13. Functions of plasma proteins
14. Mitochondria
