

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.N.Y.S Degree Examination - May 2016

Time: Three Hours

Max. Marks: 80 Marks

PHYSIOLOGY – PAPER I

Q.P. CODE: 2503

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS

2 x 10 = 20 Marks

1. Describe mechanism of oxygen transport. Add a note on oxygen dissociation curve.
2. Describe events, pressure and volume changes of cardiac cycle.

SHORT ESSAYS

8 x 5 = 40 Marks

3. Describe 3 mechanisms of transport through the all membrane.
4. Describe Intrapleural and Intrapulmonary pressure.
5. Explain chemical regulation of respiration
6. Compare first and second heart sound.
7. Define and classify jaundice.
8. Describe types of Hypoxia. Add a note on Cyanosis.
9. Explain origin and conduction of cardiac impulses.
10. Explain laboratory tests for coagulation and bleeding disorders.

SHORT ANSWERS

10 x 2 = 20 Marks

11. Stages of Deglutition
12. Classify leucocytes
13. Immunoglobulins
14. 4 functions of Thrombocytes
15. Frank Starling's law
16. Pacemaker potential
17. Surfactant
18. Functions of gall bladder
19. Vital capacity
20. Contents of Saliva
