



Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.N.Y.S Degree Examination - June 2014

Time: Three Hours

Max. Marks: 80 Marks

PHYSIOLOGY – PAPER II

Q.P. CODE: 2504

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

LONG ESSAYS

2 x 10 = 20 Marks

1. Mention the connections of Hypothalamus. Briefly explain the functions of Hypothalamus.
2. Describe the functional Anatomy, connections and functions of Cerebellum.

SHORT ESSAYS (Answer any eight)

8 x 5 = 40 Marks

3. What is Brown Sequard Syndrome? Explain features of Brown Sequard Syndrome.
4. Blood Brain barrier and its importance
5. Describe events during Synaptic Transmission. What is Synaptic Inhibition?
6. Describe Auditory Pathway.
7. Describe a Nephron with a diagram.
8. Explain Process of Micturition.
9. With a diagram, describe Graffian Follicle.
10. Pregnancy tests

SHORT ANSWERS

10 x 2 = 20 Marks

11. Diabetes Mellitus
12. Functions of Placenta
13. Impedence Matching
14. Addison's disease
15. Functions of Oxytocin
16. Light Reflex
17. Name four functions of Skin.
18. Draw and label structures of Human Sperm.
19. Name four Refractory Errors of Eye.
20. What is Audiometry? Give its importance.
