

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.N.Y.S Degree Examination - APRIL - 2015

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 steps of biosynthesis of thyroid hormone. Explain function of thyroxine.
2. Describe functions of hypothalamus in detail.

SHORT ESSAYS (Answer any eight)

8 x 5 = 40 Marks

3. Describe innervations of bladder. Explain Micturition.
4. Explain dark adaptation. Add a note on night blindness.
5. Describe secondary sexual characters in females.
6. Describe types of smooth muscles.
7. Explain mechanism of temperature regulation when exposed to heat.
8. Describe theories of color vision and color blindness.
9. Explain features of Cushing's syndrome.
10. Explain referred pain.

SHORT ANSWERS

10 x 2 = 20 Marks

11. Vestibular apparatus
12. Hormones secreted by kidney
13. Sarcomere
14. Test for cerebellar function
15. Juxta glomerular apparatus
16. Conductive deafness
17. Tubectomy
18. Myopia
19. Isometric and isotonic muscle contraction
20. Ovulation
