

Rajiv Gandhi University of Health Sciences, Karnataka
II Semester B.O.T Degree Examination – 04-Jun-2024

Time: Three Hours

Max. Marks: 100 Marks

PHYSIOLOGY – II (OS/RS)

Q.P. CODE: 3416

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

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Discuss cerebellum with respect to parts, divisions and applied physiology
2. Discuss structure of skeletal muscle with suitable diagrams
3. Discuss thyroid gland with respect to hormones secreted, functions and applied physiology

SHORT ESSAYS (Answer any Ten)

10 x 5 = 50 Marks

4. Maternal changes during Pregnancy
5. Differences between Rod and cone cells
6. Define synapse and discuss its properties
7. Neuromuscular junction
8. Disorders of Pituitary gland
9. Discuss different classifications of muscles
10. Menopause
11. Muscle tone
12. Types and causes of Auditory defects
13. Functions of Thalamus
14. Functions of Glucocorticoids
15. Myasthenia Gravis

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

16. Define Analgesia, Hyperalgesia and Paralgesia
17. Define infertility. Discuss causes of infertility in males
18. Horner syndrome
19. Actions of Calcitonin hormone
20. Discuss features of cardiac muscle
21. Define field of vision. Discuss binocular and monocular vision
22. Stages of parturition
23. Draw a neat and labelled diagram of structure of neuron
24. Reflex arc
25. Define EMG. Discuss uses of EMG
26. Define epilepsy. Discuss types of epilepsy
27. Discuss Anosmia, hyposmia and hyperosmia
