

Rajiv Gandhi University of Health Sciences, Karnataka
II Semester Bachelor of Occupational Therapy Degree Examination – 07-May-2026

Time: Three Hours

Max. Marks: 100

HUMAN 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. Name the Thyroid hormones. Describe the functions of Thyroid hormones. Add a note on its applied aspect.
2. What is a receptor? Discuss the properties of a receptor.
3. Explain endometrial changes during menstrual cycle. Add a note on hormonal influence on the menstrual cycle.

SHORT ESSAYS (Answer any Ten)

10 x 5 = 50 Marks

4. Describe functions of hypothalamus.
5. Actions of Insulin.
6. Draw and label action potential. Give its ionic basis.
7. Trace the visual pathway.
8. Milk ejection reflex.
9. Describe the functions of Growth hormone.
10. Describe the Wallerian degeneration.
11. Discuss the properties of skeletal muscle.
12. Contraceptive measures in females.
13. Define EEG and describe its waves.
14. Describe the mechanism of hearing.
15. Nucleus and functions of Basal ganglia

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

16. Light reflex
17. Tests for ovulation
18. Olfactory pathway.
19. Myasthenia Gravis
20. Sertoli cells.
21. Tetany
22. Aphasia
23. Cushing's syndrome.
24. Stretch reflex.
25. Colour Blindness.
26. Types of muscle contraction.
27. List the cranial nerves.

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