

Rajiv Gandhi University of Health Sciences, Karnataka
II Semester Bachelor of Occupational Therapy Degree Examination – 26-Nov-2024

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. Give the functional divisions of the cerebellum add a note on its physiological significance.
2. What is spermatogenesis? Describe the stages of spermatogenesis and add a note on its regulation.
3. Name the hormones of adrenal gland. Describe the function of Glucocorticoids. Add a note its applied aspects.

SHORT ESSAYS (Answer any Ten)

10 x 5 = 50 Marks

4. Describe Ovarian changes during menstrual cycle.
5. Describe the immunological tests for pregnancy.
6. Errors of refraction and correction.
7. Describe the neuromuscular junction.
8. Parturition Reflex
9. Types and causes of auditory defects,
10. Classification of nerve fibres.
11. Explain the regulation Growth hormone secretion.
12. Male contraception.
13. Trace the Olfactory pathway. Add a note on its applied aspect.
14. Causes and features of Parkinson's disease.
15. Trace the pyramidal pathway.

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

16. Pupillary light reflex.
17. Resting membrane potential
18. Functions of ADH.
19. Functions of placenta.
20. Briefly write about rods and cones.
21. Diabetes insipidus.
22. Tympanic reflex.
23. Brown Sequard syndrome.
24. Accommodation reflex
25. Types of sleep
26. Structure of muscle spindle.
27. Implantation.
