

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS Phase – I Degree Examination - 11-May-2022

Time: Three Hours

Max. Marks: 100 Marks

PHYSIOLOGY – II (RS3)

Q.P. CODE: 1078

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

LONG ESSAYS

2 x 10 = 20 Marks

1. Trace the visual pathway. Explain the effects of lesion at various points in the pathway
2. What is menstrual cycle? Explain the ovarian changes taking place during menstrual cycle

SHORT ESSAYS

10 x 5 = 50 Marks

3. Explain Neuroendocrine reflex
4. Differences between REM sleep and NREM sleep
5. Functions of hypothalamus.
6. Functions of basal ganglia.
7. Contents and functions of middle ear.
8. Explain three properties of synapse.
9. Spermatogenesis
10. Biosynthesis of thyroid hormone
11. Origin and course of Pyramidal tract
12. Structure and functions of Neuromuscular junction

SHORT ANSWERS

10 x 3 = 30 Marks

13. What is phantom limb.
14. Four functions of reticular activating system
15. Functions of prefrontal lobe
16. Conductive deafness.
17. Types of memory.
18. Acromegaly.
19. What is summation? Mention its types
20. Draw the structure of Rods and Cones
21. Features of Parkinson's disease.
22. What are the hormones secreted by adrenal cortex?
