

# Rajiv Gandhi University of Health Sciences, Karnataka

MBBS (Phase - I) Degree Examination - DEC-2014

**Time: Three Hours****Max. Marks: 90 Marks**

## **PHYSIOLOGY – Paper II (Old Scheme)** **Q.P. CODE: 1004**

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. Discuss the effects of lesion at various levels of the visual pathway.
2. Discuss how serum calcium concentration is regulated.

**SHORT ESSAYS****10 x 5 = 50 Marks**

3. Conditioned reflex
4. Trace the pathway carrying fine touch sensation.
5. Derebrate rigidity
6. Permissive action
7. Ehrlanger Gasser classification
8. Scala media
9. Prolactin
10. Functions of thalamus
11. Cretinism
12. Tests for ovulation

**SHORT ANSWERS****10 x 2 = 20 Marks**

13. Diagram of muscle spindle
14. Diabetes insipidus
15. Spermiogenesis
16. Near response
17. Electrical synapse
18. Positive feedback regulation
19. Klinefelter's syndrome
20. Impedance matching
21. Amnesia
22. Weber Feshner Law

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