

# Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - I Degree Examination - June/July 2009

Time : 3 Hrs.

[Max. Marks : 100]

## PHYSIOLOGY - PAPER II (RS-2 & RS-3)

### QP Code: 1078

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

#### LONG ESSAY

**2 X 10 = 20 Marks**

1. What are the functions of ovary? How are the ovarian functions regulated?
2. Describe the origin, course, termination and functions of corticospinal tract with the labeled diagram. List the effects of lesion of the tract in right internal capsule

#### SHORT ESSAY

**10 X 5 = 50 Marks**

3. Stretch reflex
4. Brown-sequard syndrome
5. Parkinsonism
6. Impedance matching
7. Light and accommodation reflexes
8. Describe the pathway for smell
9. Tests for hearing
10. Sertoli cell
11. Immunological tests for pregnancy
12. Cushing's syndrome

#### SHORT ANSWERS

**10 X 3 = 30 Marks**

13. Safe period
14. Insulin
15. Myxedema
16. Placental hormones
17. Cerebro - spinal fluid
18. Sweat gland
19. Saltatory conduction
20. Hypermetropia
21. Strength - duration curve
22. Tetany

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