

Rajiv Gandhi University of Health Sciences

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

Time: 3 Hrs.

[Max. Marks: 90]

PHYSIOLOGY - PAPER II (Old Scheme)

QP Code: 1004

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

LONG ESSAY

2 X 10 = 20 Marks

1. With a neat labeled diagram, describe the origin, course, termination and functions of Corticospinal Tract.
2. Describe the Theories of colour vision. Classify colour blindness. Name the tests for colour blindness.

SHORT ESSAY

10 X 5 = 50 Marks

3. Define synapse. Classify synapses. Describe two properties of synapse.
4. Define speech. Classify Aphasia. Differentiate between Aphasia and Dysarthria.
5. Define Ovulation. Describe regulation of Ovulation.
6. Hypothermia.
7. Differentiate between Thyroid Dwarf and Pituitary Dwarf.
8. Enumerate the actions of Aldosterone. How is its secretion regulated?
9. Describe the pathway of hearing.
10. Differentiate between Rods and Cones.
11. Functions of skin.
12. Describe the effects of Hemisection of spinal cord below the lesion.

SHORT ANSWERS

10 X 2 = 20 Marks

13. Reciprocal Innervation.
14. Parkinsonism.
15. Enumerate Extra Pyramidal Tracts.
16. Enumerate stages of spermatogenesis.
17. Mechanism of action of oral contraceptives.
18. Characteristics of conditioned reflex.
19. Draw and label reflex Arc.
20. Actions of prolactin and Oxytocin on Mammary gland.
21. Define learning and memory.
22. Functions of middle ear.
