

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - I Degree Examination - July 2008

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. Name the nuclei, connections and functions of Basal Gaglia. Add a note on Parkinson's disease
2. Discuss the molecular mechanism of hormone action

SHORT ESSAY

10 X 5 = 50 Marks

3. What is Babinski's sign - in which condition it is seen
4. Tabulate differences between pyramidal and extra pyramidal systems
5. Explain dark adaptation
6. Explain the physiological actions of parathormone
7. Enumerate the functions of Hypothalamus. Explain **any one** function
8. Draw a neat diagram of optic pathway and show lesions in its pathway
9. Name the structures in the middle. Explain impedance matching
10. Explain the features of Conn's syndrome
11. Explain indicators of ovulation
12. What is Neuroendocrine reflex? Explain with an example

SHORT ANSWERS

10 X 2 = 20 Marks

13. List the features of cretinism
14. "Osteo Porosis" what is it? When does it occur?
15. List the functions of pineal gland
16. Write the features of rapid-eye-movement sleep
17. What is Aphasia? What are the types? Name the centre for speech
18. List the features of "Adreno genital syndrome"
19. List the steps of spermato genesis
20. Explain decerebrate rigidity
21. What is Renshaw cell inhibition?
22. Explain the mechanism of action "Intra uterine contraceptive device"

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