

Rajiv Gandhi University of Health Sciences, Karnataka

M.B.B.S. Phase I Degree Examination - August 2007

Time : 3 Hrs.

[Max. Marks : 100]

PHYSIOLOGY - PAPER II (Revised Scheme)

QP Code: 1054

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

LONG ESSAY

2 X 9 = 18 Marks

1. Describe the nuclei and connections of the thalamus with suitable diagrams. Add a note on phantom limb
2. Name the hormones of the posterior pituitary and describe their actions and regulation

SHORT ESSAY

10 X 5 = 50 Marks

3. Acromegaly
4. Endocochlear potential
5. Referred pain
6. Pathway for accommodation
7. Primary sensations of smell
8. Regulation of parathormone secretion
9. Draw and label a synapse
10. Enumerate the functions of hypothalamus
11. Briefly describe the process of oogenesis
12. Attenuation reflex

SHORT ANSWERS

16 X 2 = 32 Marks

13. Draw and label the structure of skin
14. Ascending reticular activating system
15. Strabismus
16. Thermal receptors
17. Functions of testicular androgens
18. Cretinism
19. Permanent methods of contraception
20. Properties and functions of nerve fibers
21. Cutaneous blood flow
22. Muscle proteins
23. Rheobase
24. Inhibitory hormones of hypothalamus and their functions
25. Name hormones regulating serum calcium level. Give normal value
26. Name ascending tracts and sensations carried by them
27. Parkinson's disease
28. Immunological test for pregnancy
