

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - I Degree Examination June / July 2011

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. Describe the actions and regulation of secretion of parathormone. Add a note on hyperparathyroidism
2. Describe origin, course, termination and functions of corticospinal tract. What is hemiplegia

SHORT ESSAY

10 X 5 = 50 Marks

3. Compare effects of epinephrine and nor – epinephrine
4. Describe hearing tests to differentiate conduction and nerve deafness
5. Describe the changes in ovary and uterus during luteal phase & explain importance of luteal phase
6. Trace pathway of fine touch from right hand
7. Adrenogenital syndrome
8. Describe functions of middle ear
9. What are the effects of castration before and after puberty
10. Explain role of different cortical centres in production of speech
11. Different types of color blindness and mode of inheritance of the same
12. Describe any four functions of hypothalamus

SHORT ANSWERS

10 X 2 = 20 Marks

13. List the substances eliciting primary taste sensation
14. Circadian Rhythm
15. Inhibin
16. Tests for detection of cerebellar lesion
17. Explain why polyuria occurs in diabetes insipidus
18. Define near point
19. IUCD
20. Alpha block in EEG
21. What is astigmatism? How is it corrected
22. What is the clinical significance of deep tendon reflexes

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