

Rajiv Gandhi University of Health Sciences

M.B.B.S. PHASE - I Degree Examination - December 2010

Time : 3 Hrs.

[Max. Marks : 100]

PHYSIOLOGY - PAPER II (RS2)

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. Explain the synthesis, storage and secretion of Thyroid hormone. How is its secretion regulated?
Add a note on Hypothyroidism
2. Describe the formation, circulation and functions of C.S.F

SHORT ESSAY

10 X 5 = 50 Marks

3. Refractory errors of the eye
4. Functions of Prefrontal lobe
5. Feto placental Unit
6. Hormonal influence on endometrial changes during menstrual cycle
7. Discuss the length- Tension relationship in cardiac muscle
8. Electromyogram
9. Cholinergic sympathetic fibers
10. Write briefly on Otolith Organs
11. Explain briefly the role of Skin in regulation of Body Temperature
12. Wallerian degeneration

SHORT ANSWERS

10 X 3 = 30 Marks

13. Aldosterone escape
14. Draw and label taste pathway
15. Name four hyperglycemic hormones
16. What are Circadian Rhythms
17. Muscle Spindle
18. Muscle Proteins
19. Functions of Rods and Cones
20. Sweat gland
21. Functions of ADH [Anti Diuretic Hormone]
22. Positive feedback Mechanism

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