



Rajiv Gandhi University of Health Sciences, Karnataka
MBBS (Phase - I) Degree Examination - DECEMBER 2015

Time: Three Hours

Max. Marks: 90 Marks

PHYSIOLOGY – Paper II (Old Scheme)

Q.P. CODE: 1004

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

LONG ESSAYS

2 x 10 = 20 Marks

1. Explain the nuclei, connections and functions of cerebellum.
2. Explain the biosynthesis of thyroid hormone in detail.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Functions of hypothalamus
4. Impedance matching
5. Acromegaly
6. Differentiate between REM and NREM sleep.
7. Milk ejection reflex
8. Referred pain
9. Refractory errors
10. Testosterone
11. Mechanism of action of oral contraceptive pills
12. Serotonin

SHORT ANSWERS

10 x 2 = 20 Marks

13. Papez circuit
14. Anosmia
15. Functions of pineal gland
16. Tubectomy
17. Define cerebro spinal fluid.
18. Define menstrual cycle.
19. Feto placental unit
20. Circadian rhythm
21. Reflex arc
22. List the hormones of placenta.
