

Rajiv Gandhi University of Health Sciences, Karnataka

MBBS Phase – I Degree Examination - DEC-2014

Time: Three Hours

Max. Marks: 100 Marks

Physiology – Paper II (RS2 & RS3)

Q.P. CODE: 1078

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

LONG ESSAYS

2 x 10 = 20 Marks

1. Describe the physiological actions of growth hormone. Add a note on gigantism.
2. Describe the input, output, internal connections and functions of cerebellum.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Physiological actions of vitamin D
4. Regulation of insulin secretion
5. Intrauterine contraceptive devices
6. Secondary sex characteristics in male
7. Somatosensory area I
8. Decerebrate rigidity
9. Aqueous humor
10. Sensorineural deafness
11. Saltatory conduction
12. Sarcotubular system

SHORT ANSWERS

10 x 3 = 30 Marks

13. List the functions of corpus luteum.
14. List the clinical features below the level of lesion in Brown-Sequard syndrome.
15. List four features of upper motor neuron paralysis.
16. Primary taste sensations
17. Name the cortical olfactory areas.
18. Define Near point. Give its clinical significance.
19. Changes during slow wave sleep
20. Recruitment of motor unit
21. What is denervation hypersensitivity?
22. List the functions of skin.
