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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Neuro Science Technology Degree Examination – OCT-2019

Time: Three Hours

Max. Marks: 80 Marks

Applied Anatomy and Physiology Related to Neuroscience Technology

Q.P. CODE: 2843

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

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Blood supply of the brain. Add a note on circle of Willis.
2. Essay on function, divisions, complications and applied anatomy of cerebellum
3. Essay on ANS and its applied anatomy

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Cranial nerves and its functions
5. Pyramidal tract
6. Circulation of CSF
7. Subarachnoid cisterns
8. Subarchanoid haemorrhage
9. Basal ganglia
10. Occipital lobe
11. Arterial supply of spinal cord

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

12. Lumbar puncture
13. Mid brain
14. Applied anatomy of pons
15. Disorders of Adrenal cortex
16. Spina bifida
17. Rhomboid fossa – boundaries
18. Lateral geniculate body
19. TIA
20. Schematic diagram of neuron
21. Hypoxia
22. Red nucleus
23. Name the receptors for hearing and olfaction



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