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Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: Three Hours

Max. Marks: 80 Marks

Basic Electroencephalography

Q.P. CODE: 2841

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. Basics of electronics
2. International 10-20 system
3. Essay on digital signal processing and add a note on advantages of DSP and filters

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Adult EEG montage
5. Obstructive Sleep Apnea
6. Normal EEG rhythms
7. Dementia
8. Narcolepsy
9. DBS
10. Vertex sharp waves
11. Glasgow coma scale

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

12. EKG artifact
13. POSTS
14. Paper speed
15. Cataplexy
16. EEG calibration
17. Jacksonian march
18. Periodic leg movements syndrome
19. Gamma rhythm
20. Patient preparation for PSG
21. Alpha rhythm
22. Respiratory event related arousals (RERA)
23. Sleep spindles



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