

VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM
B.SC (NEURO SCIENCE TECHNOLOGY) DEGREE EXAMINATION -
September 2021

Third Year

APPLIED TECHNOLOGY - III APPLIED
ELECTROENCEPHALOGRAPHY (EEG)

Three Hours

Maximum: 75 marks

I. Write an essay on any ONE of the following: (1 x 20 = 20)

1. Explain video EEG
2. Explain intraoperative EEG monitoring

II. Write short notes on any TWO of the following: (2 x 10 = 20)

3. Abnormal EEG patterns
4. Long term EEG monitoring
5. Brain mapping
6. EEG maturation

III. Write short answers on any SEVEN of the following: (7 x 5 = 35)

7. Polysomnography
8. Electroconvulsive therapy
9. Magnetoencephalography
10. Time constant
11. K-Complex
12. Vertex sharp waves
13. Parasomnias
14. Filters
15. Sleep apnoea
16. Lenox gestautsyndrome

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