

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
TELANGANA, WARANGAL – 506 002**

**B.Sc. (Allied Health Sciences), SECOND YEAR DEGREE SUPPLEMENTARY EXAMINATIONS:
OCTOBER, 2025**

**NEURO SCIENCE TECHNOLOGY
PAPER III**

BASIC EEG AND NERVE CONDUCTION TECHNIQUES

Time: 3 Hours

Max Marks: 80

Note: Draw diagrams whenever necessary with Black Ball point pen /HB pencil /any dark
Color pencil.

Write essay on any TWO of the following questions:

2 X 10 = 20

1. Activation procedures used while recording EEG.
2. Neurophysiology of neuromuscular junction, clinical features and role of nerve conduction study in NMJ disorders.
3. Write notes on normal waveforms in EEG. Draw a diagram of electrode placement as per 10-20 system.

Write a short note on any FIVE of the following:

5 X 6 = 30

4. Different parts of EMNG mission and their functions.
5. EEG artifacts.
6. EMG findings in Myopathic disorder.
7. F wave and H reflex.
8. NCS protocol in Carpal tunnel syndrome.
9. EEG in brain death.

Write briefly on the following:

10 X 3 = 30

10. Blink reflex.
11. Glassgow coma scale.
12. EEG findings in awake and sleep stages
13. Sympathetic skin response.
14. Electrophysiological evaluation of Brachial plexus.
15. Conduction block.
16. Alpha rhythm.
17. EMG findings in motor neuron disease.
18. Visual evoked potential – techniques, normal and abnormal patterns.
19. Radial nerve palsy evaluation.
