

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[AHS 1023]**

**OCTOBER 2023**

**Sub. Code: 2813**

**M.Sc. AUDIOLOGY  
SECOND SEMESTER (From 2021-2022 onwards)  
PAPER III – ELECTROPHYSIOLOGICAL ASSESSMENT**

*Q.P. Code: 282813*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2x20=40)**

1. What are the various signal processing technique used in recording of AEPs?
2. Justify the selection of appropriate ABR Protocol to test infants.

**II. Write notes on:**

**(10x6=60)**

1. AMLR has gained limited importance in clinical audiology, Justify.
2. ABR as the tool to detect acoustic neuroma.
3. Clinical application of LLR.
4. Chained stimulus in ABR.
5. Elaborate on the clinical and forensic utilities of endogenous potentials.
6. Electroneuronography.
7. Acoustic change complex.
8. Describe the different types of electrodes used for recording AEPs.
9. Discuss the effect of modulation frequency and carrier frequency on ASSR.
10. Dipole orientation.

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