

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

[AHS 1122]

NOVEMBER 2022

Sub. Code: 2354

**BACHELOR IN AUDIOLOGY AND SPEECH - LANGUAGE PATHOLOGY**  
**SEMESTER - III (Regulation 2017-2018)**  
**PAPER IV – AMPLIFICATION DEVICES**  
*Q.P. Code : 802354*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 50 Marks**

**I. Elaborate on:**

**(1 x 10 = 10)**

1. Explain in brief different electro-acoustic measurements of hearing aids.

**II. Write notes on:**

**(5 x 5 = 25)**

1. Recent advances in hearing aids.
2. Hard wired systems.
3. Libby horn, reverse horn and acoustic modifiers.
4. Hearing aid programming.
5. Trouble shooting of hearing aids.

**III. Short answers on:**

**(5 x 3 = 15)**

1. Peak clipping.
2. Wide Dynamic Range Compression.
3. POGO.
4. PILL.
5. Full on gain.

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