

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

[AHS 0525]

**MAY 2025**

**Sub. Code:3131**

**M.Sc. SPEECH LANGUAGE PATHOLOGY  
THIRD SEMESTER (From 2023-2024 Batch onwards)  
PAPER I – NEUROGENIC SPEECH DISORDERS**

*Q.P. Code: 283131*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2x20=40)**

1. Recent advances in aerodynamic and acoustic analysis of dysarthric speech in adults.
2. Intervention methods for apraxics.

**II. Write Short notes on:**

**(10x6=60)**

1. Age related changes in speech motor control.
2. Sensori-motor treatment techniques for management of dysarthria in children.
3. Physiological assessment of dysarthria in adults.
4. Intervention of childhood apraxia of speech using motor learning principles.
5. Assessment of cranial nerves.
6. Neuroanatomy of subcortical structures.
7. DIVA model.
8. Types of mechanoreceptors and their topography in speech.
9. Differential diagnosis of apraxia and dysarthria in adults.
10. Hardy's approach.

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