

[KZ 1011]

Sub. Code: 3005

**MASTER OF AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY
(MASLP) DEGREE EXAMINATION**

FIRST YEAR

PAPER V– VOICE AND FLUENCY DISORDERS

Q.P. Code : 433005

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. The recent advances in measurement, assessment and management of voice disorders.	17	40	20
2. Assessment and treatment methods available on stuttering. Justify the methods you would use in the Indian scenario.	17	40	20

II. Write notes on :

1. Compensation for nasality found in cleft palate speech and measures to be considered for the correction of the same, both surgical and non-surgical therapies.	4	10	6
2. Causes, evaluation methods and therapy techniques used for Hyperkinetic dysphonia.	4	10	6
3. Invasive procedures in the measurement of vocal fold vibration.	4	10	6
4. Define inverse filtering and the difference between inverse filtering and source filter interaction.	4	10	6
5. Pre and post operative counseling for Laryngeal Hyper functional disorders of voice and therapy techniques to overcome the same. Justify your choice on that.	4	10	6
6. Critical periods of voice changes.	4	10	6
7. Speech dysfluencies in children with intellectual disabilities.	4	10	6
8. Voice initiation time and voice termination time in stuttering.	4	10	6
9. Differential diagnosis of psychogenic and neurogenic stuttering.	4	10	6
10. Acoustic measures in the speech of children with stuttering.	4	10	6

[LA 0412]

Sub. Code: 3005

**MASTER OF AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY
(MASLP) DEGREE EXAMINATION-April 2012
FIRST YEAR
PAPER V – VOICE AND FLUENCY DISORDER
Q.P. Code : 433005**

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Principle, working and applications of stroboscopy	17	40	20
2. Covert Repair Hypothesis and its basis to understand the nature of stuttering.	17	40	20

II. Write notes on :

1. Effects of Hydration on voice	4	10	6
2. Biomechanical properties of larynx.	4	10	6
3. Types of MTD (Muscle Tension Dysphonia)	4	10	6
4. CAPE –V and GRBAS rating scale	4	10	6
5. Flow-Glottogram.	4	10	6
6. Air Insufflation Test	4	10	6
7. Beginning Stuttering	4	10	6
8. FIG-6 (Fluency Initiating Gestures)	4	10	6
9. T-TRIP (Tennessee- Test of Rhythm & Intonation Patterns)	4	10	6
10. Measurement of QOL (Quality of Life) in individuals with stuttering	4	10	6

[LB 1012]

OCTOBER 2012

Sub. Code: 3005

MASTER OF AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY

(MASLP) DEGREE EXAMINATION

FIRST YEAR

PAPER V– VOICE AND FLUENCY DISORDERS

Q.P. Code : 433005

Time : 3 hours
(180 Min)

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

Pages Time Marks
(Max.)(Max.)(Max.)

- | | | | |
|--|----|----|----|
| 1. Pathophysiology and healing process of acute vocal cord trauma. | 17 | 40 | 20 |
| 2. Motor theories of stuttering and treatment based on motor theories. | 17 | 40 | 20 |

II. Write notes on :

- | | | | |
|---|---|----|---|
| 1. Laryngeal framework surgery. | 4 | 10 | 6 |
| 2. Service delivery models for Laryngectomy rehabilitation. | 4 | 10 | 6 |
| 3. Issues in prescribing voice rest. | 4 | 10 | 6 |
| 4. Laryngeal innervations. | 4 | 10 | 6 |
| 5. Influence of hormones on voice. | 4 | 10 | 6 |
| 6. Genetics & Stuttering. | 4 | 10 | 6 |
| 7. Estimation of severity of stuttering. | 4 | 10 | 6 |
| 8. Psychotherapeutic approach to treat stuttering. | 4 | 10 | 6 |
| 9. Stuttering in bilinguals. | 4 | 10 | 6 |
| 10. Van Riper. | 4 | 10 | 6 |

[LC 0413]

APRIL 2013

Sub. Code: 3005

MASTER OF AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY

(MASLP) DEGREE EXAMINATION

FIRST YEAR

PAPER V- VOICE AND FLUENCY DISORDERS

Q.P. Code : 433005

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

I. Elaborate on:

(2x20=40)

1. Issues in assessment and management of stuttering.
2. Voice problem in children and the aged.

II. Write notes on :

(10X6=60)

1. TEP.
2. F₀ control.
3. Ectasia.
4. Benign vocal cord mass.
5. LSVT.
6. Cluttering.
7. Detection of Stress.
8. Prevention of relapse in stuttering.
9. Stuttering as a linguistic disorder.
10. Evidence based treatment approaches in stuttering.

[LD 1013]

OCTOBER 2013

Sub. Code: 3005

MASTER OF AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY

(MASLP) DEGREE EXAMINATION

FIRST YEAR

PAPER- V VOICE AND FLUENCY DISORDERS

Q.P. Code: 433005

Time: Three hours

Maximum: 100 Marks

Answer All questions

I Elaborate on:

(2x20 =40)

1. What are the laryngeal parameters of voice? How would you evaluate them perceptually and acoustically?
2. Assessment methods used for stuttering in children and adults.

II. Write Short notes on:

(10 x 6 = 60)

1. Spastic dysphonia.
2. Artificial larynx.
3. Vocal nodules in children.
4. Recent advances in stuttering therapy techniques.
5. Essential voice tremor.
6. Management of stuttering in children.
7. Aerodynamic measures of voice.
8. Causes of laryngeal cancer and TNM classification.
9. One theory of dimensions of fluent speech.
10. Differentially diagnose stuttering and cluttering.

[LE 0414]

APRIL 2014

Sub. Code: 3005

**MASTER OF AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY
(MASLP) DEGREE EXAMINATION
FIRST YEAR
PAPER- V VOICE AND FLUENCY DISORDERS**

Q.P. Code: 433005

Time: Three hours

Maximum: 100 Marks

Answer All Questions

I Elaborate on:

(2x20 =40)

1. TEP is the most efficient method for restoring speech in laryngectomy - Discuss.
2. Characteristics, differential diagnosis and treatment methods for neurogenic stutterers.

II. Write Short notes on:

(10 x 6 = 60)

1. Spontaneous recovery in dysfluent speech.
2. Laryngomalacia.
3. Vocal Hygiene.
4. Voice problems in endocrine disorders.
5. Management of stuttering in children.
6. Effects of aging in voice.
7. Stroboscopy.
8. Differential diagnosis of stuttering and normal non fluency.
9. Linguistic and metalinguistic aspects of fluency disorders.
10. Intrinsic muscles of larynx.

[LF 1014]

OCTOBER 2014

Sub. Code: 3005

**MASTER OF AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY
(MASLP) DEGREE EXAMINATION
FIRST YEAR
(2010-2011 Session onwards)
PAPER V - VOICE AND FLUENCY DISORDERS**

Q.P. Code: 433005

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Who are professional voice users? Write a detailed note on how would a voice assessment and management strategy is designed to address the needs of a professional voice user.
2. Discuss in detail, the nature, characteristics, differential diagnosis and current status in assessment and management of normal non fluency.

II. Write notes on:

(10 x 6 = 60)

1. Describe the pathophysiology of Rinke's Edema.
2. Write a note on- effect of ageing on voice
3. Discuss the metalinguistic aspects of fluency disorders
4. Write a note on relapse of stuttering and factors influencing relapse.
5. Discuss the importance of hydration in maintaining a healthy voice.
6. Write a note on TNM classification.
7. What is alaryngeal speech? Describe the acoustic and perceptual characteristics of alaryngeal speech.
8. Discuss the causes of congenital voice disorders in children.
9. Compare and contrast EGG (Electroglottogram) vs VKG(Videokymography)
10. Define the following and specify normative values:
 - a) Vital capacity
 - b) Mean Airflow Rate
 - c) Maximum duration of Sustained Blowing
 - d) S/Z Ratio
 - e) Fundamental Frequency
 - f) Maximum Phonation Time

[LH 0415]

OCTOBER 2015

Sub. Code: 3005

MASTER OF AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY

(from 2010-2011 Session onwards)

FIRST YEAR

PAPER V – VOICE AND FLUENCY DISORDERS

Q.P. Code : 433005

Time : Three hours

Maximum : 100 marks

I. Elaborate on:

(2 x 20 = 40)

1. Endocrinal voice disorders- effect of thyroid imbalance on vocal fold structure and voice.
2. Recent research trends and studies in fluency treatment.

II. Write notes on:

(10 x 6 = 60)

1. The pediatric Larynx: development from infancy to adulthood
2. Classification of professional voice users
3. Medical and surgical treatment procedures for Laryngectomy
4. Electro Glottography
5. Twin studies in stuttering
6. Self assessment procedures and tests used in voice evaluation and its significance
7. Fluency Shaping
8. What is aerodynamics? What is the importance of aerodynamics and what are the common aerodynamic measurements used in voice evaluation?
9. Normal non fluency
10. Team approach to rehabilitating a laryngectomy

[LI 0416]

APRIL 2016

Sub. Code: 3005

**MASTER OF AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY
FIRST YEAR
PAPER V – VOICE AND FLUENCY DISORDERS**

Q.P. Code : 433005

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. a) What are the considerations in the rehabilitation of a Laryngectomy?
b) Current advances in fluency evaluation.
2. Stuttering modification in advanced stuttering.

II. Write notes on:

(10 x 6 = 60)

1. Inverse filtering.
2. Differential diagnosis of spasmodic dysphonia.
3. Endoscopic procedures used in visualizing the larynx.
4. Voice disorders in transsexuals.
5. Fluency initiating gestures.
6. What are congenital voice disorders? Write notes on :
 - a) Sub glottis hemangioma
 - b) Laryngomalacia
7. Garden hose analogy.
8. Compare and tabulate the acoustic characteristics of: Artificial larynx, Esophageal Speech and Tracheo esophageal speech.
9. Conditions that increase fluency.
10. Intrinsic muscles of the larynx.

[LJ 1016]

OCTOBER 2016

Sub. Code: 3005

**MASTER OF AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY EXAMS
FIRST YEAR
PAPER V – VOICE AND FLUENCY DISORDERS**

Q.P. Code : 433005

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Acoustical, perceptual and physiological aspects of alaryngeal speech.
2. Evidence based management for children and adults with stuttering.

II. Write notes on:

(10 x 6 = 60)

1. Briefly describe on characteristics of Voice disorder.
2. Inverse filtering.
3. How management option differs in adductor spasmodic dysphonia and adductor vocal fold paralysis.
4. Differential diagnosis of normal non-fluency and stuttering.
5. EGG.
6. Describe various types of aerodynamic tests used to evaluate voice.
7. Stuttering therapy-studies supporting positive outcome.
8. Management options for individuals with cluttering.
9. Physiological changes of voice in aged population.
10. Methods to assess the severity of stuttering.

[LK 0517]

MAY 2017

Sub. Code: 3005

**MASTER OF AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY EXAMS
FIRST YEAR
PAPER V – VOICE AND FLUENCY DISORDERS**

Q.P. Code : 433005

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. The laryngeal parameters of voice. How would you evaluate voice perceptually and acoustically?
2. Characteristics, differential diagnosis, and treatment methods for Neurogenic stutterers.

II. Write notes on:

(10 x 6 = 60)

1. Factors influencing intelligibility of Alaryngeal speech.
2. Differential diagnosis of cluttering and developmental stuttering.
3. Physiological changes of voice in aged population.
4. Stuttering therapy-studies supporting positive outcome.
5. Voice disorders, characteristics and management in transsexuals.
6. Fluency initiating gestures implication in management.
7. Congenital mass-size lesions vs congenital structural anomalies of larynx.
8. Garden hose and bucket analogy of stuttering.
9. Twin studies in stuttering.
10. Team approach to rehabilitating a laryngectomy.

[LL 1017]

OCTOBER 2017

Sub. Code: 3005

**MASTER OF AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY EXAMS
FIRST YEAR
PAPER V – VOICE AND FLUENCY DISORDERS**

Q.P. Code : 433005

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain and justify the treatment methods available for stuttering.
2. Principle, procedure and clinical applications of stroboscopy.

II. Write notes on:

(10 x 6 = 60)

1. Importance of pre and post operative counselling for Laryngectomy.
2. Speech characteristics and treatment of normal.
3. Critical periods of voice change.
4. Self assessment procedures of voice disorders.
5. Cluttering.
6. Vocal hygiene.
7. Genetic aspects of stuttering.
8. Fluency initiating gestures.
9. Define and describe the acoustic and perceptual aspect of a laryngeal speech.
10. Aerodynamic measurements in voice evaluation.

[LM 0518]

MAY 2018

Sub. Code: 3005

**MASTER OF AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY EXAMS
FIRST YEAR
PAPER V – VOICE AND FLUENCY DISORDERS**

Q.P. Code : 433005

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Differential diagnosis and management of Neurogenic voice disorders.
2. Assessment methods and evidence based management used for stuttering in children.

II. Write notes on:

(10 x 6 = 60)

1. Essential voice tremors
2. Explain any type of artificial larynx with its advantages and disadvantages.
3. Classification of professional voice users.
4. Voice changes in geriatric population and the physiology behind the voice change.
5. Management of cluttering.
6. Voice disorders in transsexuals.
7. Quality of life measures in individuals with stuttering.
8. Stuttering in bilinguals.
9. Differentially diagnose stuttering and cluttering.
10. Intrinsic muscles of larynx.

[LN 1018]

OCTOBER 2018

Sub. Code: 3005

**MASTER OF AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY EXAMS
FIRST YEAR
PAPER V – VOICE AND FLUENCY DISORDERS**

Q.P. Code : 433005

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Assessment & treatment methods available for stuttering. How effective it is in Indian context?
2. Recent advances in Voice Therapy with relevant clinical applications.

II. Write notes on:

(10 x 6 = 60)

1. Linguistic factors related to stuttering with supportive studies.
2. Invasive procedures to visualize the Larynx.
3. Electrolottography.
4. Normal non-fluency vs developmental stuttering.
5. Team members and their roles in laryngectomy rehabilitation.
6. Conditions that increase fluency.
7. Infant larynx and its relation to development of voice.
8. Relapse of stuttering.
9. TNM classification.
10. Fluency shaping.

[LO 0519]

MAY 2019

Sub. Code: 3005

**MASTER OF AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY EXAMS
FIRST YEAR
PAPER V – VOICE AND FLUENCY DISORDERS**

Q.P. Code : 433005

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. The alaryngeal modes of communication for laryngectomy- its types, advantages and disadvantages.
2. The various dimensions of fluency along with its development.

II. Write notes on:

(10 x 6 = 60)

1. Prolongation technique.
2. Management of puberphonia.
3. Types of Vocal fold paralysis.
4. Measurement of Nasality.
5. Classification of voice disorders.
6. Counselling tips for individuals with early vocal nodules.
7. Stuttering as a prosodic disorder.
8. Causes of relapse in stuttering.
9. Treatment for neurogenic stuttering.
10. Estimation of stuttering severity.

[LP 1019]

OCTOBER 2019

Sub. Code: 3005

**MASTER OF AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY EXAMS
FIRST YEAR
PAPER V – VOICE AND FLUENCY DISORDERS**

Q.P. Code : 433005

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. The developmental changes on voice from childhood to geriatric.
2. The various methods and measures to assess the outcomes of fluency therapy.

II. Write notes on:

(10 x 6 = 60)

1. Videokymography.
2. Behavioural tests to assess respiratory-phonatory systems.
3. Functional Aphonia.
4. Oesophageal speech.
5. Spontaneous recovery in stuttering.
6. Stuttering modification Vs Fluency shaping techniques.
7. Methods to prevent occurrence of stuttering.
8. Drug induced stuttering.
9. SAAND Vs stuttering.
10. Pre-operative counselling for laryngeal cancer.

[LQ 1019]

NOVEMBER 2020
(MAY 2020 EXAM SESSION)

Sub. Code: 3005

MASTER OF AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY

FIRST YEAR

PAPER V - VOICE AND FLUENCY DISORDERS

Q.P.Code :433005

Time: Three hours

Maximum:100 Marks

I. Elaborate on:

(2x20=40)

1. Evidence Based Management of children and adults with Stuttering.
2. Laryngectomy & its management

II. Write notes on:

(10x6=60)

1. Factors influencing Intelligibility of Alaryngeal Speech
2. Normal Non fluency
3. Drug-Induced Stuttering
4. Rehabilitation Team of Laryngectomy
5. Treatment of Neurogenic Stuttering
6. Functional Aphonia
7. Pre-Post-Operative Counseling of Laryngectomy
8. Endocrinal Voice Disorders
9. Neurogenic Voice Disorders- Differential diagnosis and Management
10. Aerodynamic Tests -Voice

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

[AHS 0321]

MARCH 2021

Sub. Code: 3005

(OCTOBER 2020 EXAM SESSION)

MASTER OF AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY

FIRST YEAR (From 2010-2011 onwards)

PAPER V – VOICE AND FLUENCY DISORDERS

Q.P. Code : 433005

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on :

(2x20=40)

1. Efficacy and outcome measures of stuttering therapy.
2. Pathophysiological changes in different voice disorders.

II. Write notes on :

(10x6=60)

1. Review of recent advances of therapy in stuttering.
2. Neurogenic stuttering.
3. Issues related to professional voice and its care.
4. Stuttering as a prosodic Disorder.
5. Metalinguistic aspects of fluency disorders.
6. Acoustic, aerodynamic and perceptual aspects of pathological voices.
7. Severity of stuttering – theoretical foundations and methods.
8. Tests for laryngeal measurements.
9. Noninvasive procedures for vocal fold vibration.
10. Voice disorders related to transsexuals.

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

[AHS 0222]

**FEBRUARY 2022
(OCTOBER 2021 EXAM SESSION)**

Sub. Code: 3005

**MASTER OF AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY
FIRST YEAR (From 2010-2011 onwards)
PAPER V – VOICE AND FLUENCY DISORDERS
*Q.P. Code : 433005***

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on :

(2x20=40)

1. The recent advances in measurement, assessment and management of voice disorders.
2. The various methods and measures to assess the outcomes of fluency therapy.

II. Write notes on :

(10x6=60)

1. Vocal Hygiene and Conservative voice usage.
2. Behavioural tests to assess respiratory-phonatory systems.
3. Voice changes in geriatric population and the physiology behind the voice change.
4. Types of MTD (Muscle Tension Dysphonia).
5. Oesophageal speech.
6. Vocal Function exercises.
7. Causes of laryngeal cancer and TNM classification.
8. Measurement of QOL (Quality of Life) in individuals with stuttering.
9. Acoustic measures in the speech of children with stuttering.
10. Stuttering modification Vs Fluency shaping techniques.

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

[AHS 0522]

MAY 2022

Sub. Code: 3005

MASTER OF AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY

FIRST YEAR (From 2010-2011 onwards)

PAPER V – VOICE AND FLUENCY DISORDERS

Q.P. Code : 433005

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2x20=40)

1. Recent Advances in the Management of Voice and its Disorders
2. Recent Advances and Findings regarding –1. Development 2. Theories 3. Spontaneous Recovery in Stuttering.

II. Write notes on :

(10x6=60)

1. Tests for Assessing Functions of the Resonatory System and its Management.
2. Cluttering.
3. Neurogenic Voice Disorders- Differential Diagnosis and Management.
4. SAAND vs Stuttering.
5. Effects of Ageing in Voice.
6. Professional Voice and its Care.
7. Measurement of Vocal Fold Vibration.
8. Prevention, Relapse of Stuttering.
9. Assessment and Diagnosis of Stuttering.
10. Oesophageal Speech.
