

BACHELOR IN AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY

SECOND YEAR – SEMESTER - III

PAPER I – VOICE AND ITS DISORDERS

Q.P. Code: 802351

Time: Three Hours

Maximum : 50 Marks

Answer All questions

I. Elaborate on:

(1 x 10 = 10)

1. Development of voice from birth to senescence.

II. Write notes on:

(5 x 5 = 25)

1. Aerodynamic myoelastic theory of voice production.
2. Cri du chat syndrome.
3. Possible errors in measurement of EGG and ways to correct them.
4. Accent Therapy.
5. Puberphonia.

III. Short answers on:

(5 x 3 = 15)

1. GRABS.
2. Jitter and Shimmer.
3. Any three techniques for hypo-functional voice disorders.
4. Vital Capacity.
5. Voice problems in transgenders.

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Q.P. Code: 802351

Time: Three Hours

Maximum : 50 Marks

Answer All questions

I. Elaborate on:

(1 x 10 = 10)

1. Stroboscopy – Principle, procedure and clinical applications.

II. Write notes on:

(5 x 5 = 25)

1. Ventricular Dysphonia.
2. Resonant voice therapy.
3. Voice problems in the elderly.
4. Pitch changing mechanism.
5. Definition and functions of voice.

III. Short answers on:

(5 x 3 = 15)

1. VHI.
2. Layers of vocal fold.
3. Mean air flow rate.
4. GERD.
5. Micro-laryngeal excision.

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PAPER I – VOICE AND ITS DISORDERS

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Time: Three Hours

Maximum : 50 Marks

Answer All questions

I. Elaborate on:

(1 x 10 = 10)

1. Electrolottography - Principle, procedure and applications.

II. Write notes on:

(5 x 5 = 25)

1. Open mouth approach.
2. Vocal nodule.
3. Congenital laryngeal web.
4. Vocal fold microstructure with innervations.
5. Voice problems in endocrine disorders.

III. Short answers on:

(5 x 3 = 15)

1. Vocal function exercises.
2. Maximum phonation duration.
3. Vocal hygiene.
4. Voice registers.
5. Professional voice users.

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

[AHS 0321]

MARCH 2021

Sub. Code: 2351

(AUGUST 2020 EXAM SESSION)

BACHELOR IN AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY

SEMESTER - III (Regulation 2017-2018)

PAPER I – VOICE AND ITS DISORDERS

Q.P. Code : 802351

Time: Three hours

Answer ALL Questions

Maximum: 50 Marks

I. Elaborate on:

(1 x 10 = 10)

1. Discuss in detail about the development of voice from birth to senescence.

II. Write notes on:

(5 x 5 = 25)

1. Myoelastic aerodynamic theory.
2. Discuss the etiology, symptoms, laryngoscopic findings and management for patients with U/L Recurrent nerve palsy.
3. Voice characteristics in Endocrine Disorders.
4. Electroglottography and its parameters.
5. Medical and surgical procedures in treatment of benign vocal fold lesion.

III. Short answers on:

(5 x 3 = 15)

1. Jitter and shimmer.
2. Unpaired cartilages of larynx.
3. Which are the muscle responsible for :
(a) Production of high pitch (b) Production of low pitch
(c) Abduction of vocal folds
4. Any 3 facilitating techniques in treatment of voice disorders.
5. Voice Registers.

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

[AHS 0222]

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

Sub. Code: 2351

**BACHELOR IN AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY
SEMESTER - III (Regulation 2017-2018)
PAPER I – VOICE AND ITS DISORDERS
Q.P. Code : 802351**

Time: Three hours

Answer ALL Questions

Maximum: 50 Marks

I. Elaborate on: **(1 x 10 = 10)**

1. Describe the principle, procedure, advantages and disadvantages of stroboscopic evaluation.

II. Write notes on: **(5 x 5 = 25)**

1. Nerve supply to Larynx
2. Pitch and loudness changing mechanism
3. Differentiate Spasmodic Dysphonia and Muscle Tension Dysphonia
4. Voice problems in Transgenders
5. Discuss the rationale and steps in Resonant Voice Therapy

III. Short answers on: **(5 x 3 = 15)**

1. Define a) Diplophonia b) Pitch Break c) Vocal tremor
2. What is S/Z ratio? Indicate its importance on identifying voice disorder
3. What is Confidential voice therapy
4. Describe Patient Related Outcome Measures (PROM) and Voice Handicap Index (VHI)
5. Draw IDL view of vocal fold and label its parts neatly

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

[AHS 1122]

NOVEMBER 2022

Sub. Code: 2351

BACHELOR IN AUDIOLOGY AND SPEECH - LANGUAGE PATHOLOGY

SEMESTER - III (Regulation 2017-2018)

PAPER I – VOICE AND ITS DISORDERS

Q.P. Code : 802351

Time: Three hours

Answer ALL Questions

Maximum: 50 Marks

I. Elaborate on:

(1 x 10 = 10)

1. Explain any two hyperfunctional voice disorders with signs, symptoms, assessment and management.

II. Write notes on:

(5 x 5 = 25)

1. Intrinsic muscles of larynx.
2. Describe the aerodynamic measures of voice.
3. Write voice characteristics in abductor and adductor Spasmodic Dysphonia.
4. Write about Lee Silverman Voice therapy.
5. Describe any two techniques, rationale and steps to treat Puberphonia.

III. Short answers on:

(5 x 3 = 15)

1. Expand and explain GRABS.
2. Bernoulli's effect.
3. Dysphonia Severity Index (DSI).
4. Classification of Professional Voice users.
5. Laryngeal web.

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

[AHS 0423]

APRIL 2023

Sub. Code: 2351

**BACHELOR IN AUDIOLOGY AND SPEECH - LANGUAGE PATHOLOGY
SEMESTER - III (Regulation 2017-2018 onwards)
PAPER I – VOICE AND ITS DISORDERS
Q.P. Code: 802351**

Time: Three hours

Answer ALL Questions

Maximum: 50 Marks

I. Elaborate on: (1 x 10 = 10)

1. Laryngeal Anatomy with Vocal Fold Microstructure. Draw appropriate diagrams.

II. Write notes on: (5 x 5 = 25)

1. Voice problems related to Endocrine disorders.
2. Patent and Free Softwares for Voice Analysis.
3. Videolaryngoscopy.
4. Professional voice users.
5. Functional Aphonia.

III. Short answers on: (5 x 3 = 15)

1. Voice registers.
2. Congenital laryngeal web
3. Perceptual evaluation of Voice.
4. GERD verses LPR.
5. Vocal function exercises.

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

[AHS 1123]

NOVEMBER 2023

Sub. Code: 2351

**BACHELOR IN AUDIOLOGY AND SPEECH - LANGUAGE PATHOLOGY
SEMESTER - III (Regulation 2017-2018 onwards)
PAPER I – VOICE AND ITS DISORDERS
Q.P. Code: 802351**

Time: Three hours

Answer ALL Questions

Maximum: 50 Marks

I. Elaborate on: (1 x 10 = 10)

1. Phonosurgery procedures for Benign Vocal Cord Lesions.

II. Write notes on: (5 x 5 = 25)

1. Pitch and Loudness changing mechanisms.
2. Vocal Cord Paralysis.
3. Principle and Voice analysis using Electroglottography.
4. Voice facilitation technique to improve loudness in voice.
5. Puberphonia.

III. Short answers on: (5 x 3 = 15)

1. Laryngeal structure, voice changes during Adolescence.
2. Papilloma of Vocal cords.
3. VHI.
4. Respiratory training.
5. Sulcus vocalis.

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

[AHS 0424]

APRIL 2024

Sub. Code: 2351

BACHELOR IN AUDIOLOGY AND SPEECH - LANGUAGE PATHOLOGY

SEMESTER - III (Regulation 2017-2018 onwards)

PAPER I – VOICE AND ITS DISORDERS

Q.P. Code: 802351

Time: Three hours

Answer ALL Questions

Maximum: 50 Marks

I. Elaborate on: **(1 x 10 = 10)**

1. Professional voice users – Classification, Assessment and Voice Care.

II. Write notes on: **(5 x 5 = 25)**

1. Vocal nodule.
2. Any one congenital voice disorders.
3. Medico surgical management of voice disorders.
4. Softwares for voice analysis and parameters analyzed.
5. Pitch changing mechanism.

III. Short answers on: **(5 x 3 = 15)**

1. GRABS.
2. Types of breathing.
3. Voice handicap index.
4. Lee Silverman Voice Treatment.
5. Non-biological functions of Larynx and Voice.
