

BACHELOR IN AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY

SECOND YEAR – SEMESTER - IV

PAPER I – MOTOR SPEECH DISORDERS IN CHILDREN

Q.P. Code: 802361

Time: Three Hours

Maximum : 50 Marks

Answer All questions

I. Elaborate on:

(1 x 10 = 10)

1. Define Apraxia. Explain different types of apraxia.

II. Write notes on:

(5 x 5 = 25)

1. Write notes on Neuro-developmental therapy.
2. Explain candidacy assessment for AAC.
3. Describe the assessment procedure for intelligibility.
4. Causes of dysphagia in children.
5. Notes on subcortical structures.

III. Short answers on:

(5 x 3 = 15)

1. Brief about brain maturation.
2. Checklist for childhood apraxia of speech.
3. Non oral feeding method.
4. Melodic intonation therapy.
5. Pharyngeal reflex.

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PAPER I – MOTOR SPEECH DISORDERS IN CHILDREN

Q.P. Code: 802361

Time: Three Hours

Maximum : 50 Marks

Answer All questions

I. Elaborate on:

(1 x 10 = 10)

1. Define cerebral palsy. Explain its classification.

II. Write notes on:

(5 x 5 = 25)

1. Write notes on development of speech production systems.
2. Explain cranial nerve examination.
3. Use of prosthetic appliances in treatment of motor speech disorder.
4. AAC in childhood apraxia of speech.
5. Role of speech language pathologist in neonatal care.

III. Short answers on:

(5 x 3 = 15)

1. Notes on motor planning.
2. Explain syndromes related to motor speech disorders.
3. Primitive postural reflexes.
4. Define ataxia.
5. Signed target phoneme therapy.

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

[AHS 0321]

MARCH 2021

Sub. Code: 2361

(AUGUST 2020 EXAM SESSION)

BACHELOR IN AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY

SEMESTER - IV (Regulation 2017-2018)

PAPER I – MOTOR SPEECH DISORDERS IN CHILDREN

Q.P. Code : 802361

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(1 x 10 = 10)

1. Write in detail about normal physiology of swallowing.

II. Write notes on:

(5 x 5 = 25)

1. Role of cerebellum in speech motor control.
2. Notes on disorders of movements.
3. Oral peripheral mechanism examination.
4. Signs and symptoms of dysphagia in children.
5. Differential diagnosis of dysarthria and other developmental disorders.

III. Short answers on:

(5 x 3 = 15)

1. Extra pyramidal systems.
2. Management of drooling.
3. Childhood apraxia of speech.
4. Associated problems in cerebral palsy.
5. Screening test for developmental apraxia of speech.

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

[AHS 0222]

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

Sub. Code: 2361

**BACHELOR IN AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY
SEMESTER - IV (Regulation 2017-2018)
PAPER I – MOTOR SPEECH DISORDERS IN CHILDREN
*Q.P. Code : 802361***

Time: Three hours

Answer ALL Questions

Maximum: 50 Marks

I. Elaborate on:

(1 x 10 = 10)

1. Discuss in detail about developmental neurological evaluation and evaluation of neuro- muscular status in children with Motor Speech Disorders

II. Write notes on:

(5 x 5 = 25)

1. Anatomic development of speech production systems
2. Disorders of movement in children with cerebral palsy
3. Duchenne Muscular dystrophy
4. PROMPT
5. Neuro-developmental therapy

III. Short answers on:

(5 x 3 = 15)

1. Characteristics of Childhood Apraxia of Speech
2. Development of feeding skills
3. Tremor, Myoclonus and Ballismus
4. Cerebellum
5. Signs and symptoms of Dysphagia in children

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

[AHS 0922]

SEPTEMBER 2022

Sub. Code: 2361

(FEBRUARY 2022 & AUGUST 2022 EXAM SESSIONS)

**BACHELOR IN AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY
SEMESTER IV – (Regulation from 2017-2018)
PAPER I - MOTOR SPEECH DISORDERS IN CHILDREN**

Q.P. Code: 802361

Time: Three Hours

Answer ALL Questions

Maximum: 50 Marks

I. Elaborate on:

(1 x 10 = 10)

1. Oromotor exercises in detail.

II. Write notes on:

(5 x 5 = 25)

1. Syndromes related with motor speech disorders.
2. Characteristic of spastic dysarthria.
3. Screening test of apraxia of speech.
4. Phonemic approach.
5. Team members involved in developmental dysarthria.

III. Short answers on:

(5 x 3 = 15)

1. Gag reflex.
2. Idiopathic causes for motor speech disorders in children.
3. Role of basal ganglia.
4. Resonatory problems in developmental dysarthria.
5. Counselling for developmental Apraxia.

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

[AHS 0423]

APRIL 2023

Sub. Code: 2361

BACHELOR IN AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY
SEMESTER IV – (Regulation 2017-2018 onwards)
PAPER I - MOTOR SPEECH DISORDERS IN CHILDREN
Q.P. Code: 802361

Time: Three Hours

Answer ALL Questions

Maximum: 50 Marks

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

1. Differential diagnosis of Apraxia of Speech and other Disorders.

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

1. Characteristics of Athetoid Cerebral Palsy.
2. Isometric and Isotonic Exercises.
3. Management of Resonatory Problems.
4. Nutritive and Non-nutritive Assessment.
5. Factors affecting an effective use of AAC.

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

1. Motor Planning and Feedback.
2. Dynamic Temporal Cueing method.
3. Motor Programming Skills.
4. Low Birth Weight.
5. Visual problems in Cerebral Palsy.

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

[AHS 0424]

APRIL 2024

Sub. Code: 2361

BACHELOR IN AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY

SEMESTER IV – (Regulation 2017-2018 onwards)

PAPER I - MOTOR SPEECH DISORDERS IN CHILDREN

Q.P. Code: 802361

Time: Three Hours

Answer ALL Questions

Maximum: 50 Marks

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

1. AAC in Management of Motor Speech Disorders.

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

1. Explain about Brainstem with a neat diagram.
2. Childhood Apraxia of Speech.
3. Behavioral Management of Respiratory System in Childhood Dysarthria.
4. PROMPTS.
5. Physiology of Swallowing.

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

1. Ataxic Cerebral Palsy.
2. Praxis.
3. Prosthetic appliances in treatment of Childhood Dysarthria.
4. Gestural Cueing Techniques.
5. Causes of Dysphagia in Children.

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

[AHS 1125]

NOVEMBER 2025

Sub. Code: 2361

BACHELOR IN AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY

SEMESTER IV – (Regulation 2017-2018 onwards)

PAPER I - MOTOR SPEECH DISORDERS IN CHILDREN

Q.P. Code: 802361

Time: Three Hours

Answer ALL Questions

Maximum: 50 Marks

I. Elaborate on:

(1 x 10 = 10)

1. Neuro Physiological correlates of Motor Speech System.

II. Write notes on:

(5 x 5 = 25)

1. Homonymous Hemianopia conditions.
2. Hearing problems in Developmental Dysarthria.
3. Corrections of Articulatory Errors.
4. Swallowing problems with Developmental Dysarthria.
5. Neural control of Swallowing.

III. Short answers on:

(5 x 3 = 15)

1. Different types of Tremors.
2. Seizures associated with Developmental Dysarthria.
3. Prosodic problems in developmental apraxia.
4. Rooting Reflex.
5. Role of Frontal lobe.
