

BACHELOR IN AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY

FIRST SEMESTER (2017 - 2018)

PAPER I – COMMUNICATION SCIENCES

Q.P. Code: 802331

Time: Three Hours

Maximum : 75 Marks

Answer All questions

Draw diagrams wherever necessary

I. Elaborate on: **(2 x 10 = 20)**

1. Explain Acoustic theory of speech production.
2. Describe the normal Speech and Language development.

II. Write notes on: **(8 x 5 = 40)**

1. Speech as an overlaid function.
2. Speech chain.
3. Explain the Scope of practice of audiology.
4. Pre-requisites and factors affecting speech-language development.
5. Interdisciplinary nature of speech-language pathology.
6. Reference equivalent threshold sound pressure level.
7. Missing six dB.
8. Explain the term phonology, morphology, semantics, syntax and pragmatics.

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

1. Most comfortable levels.
2. Recruitment.
3. Periodic and aperiodic sounds.
4. Components of language.
5. Neurological basis of speech and language.

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Q.P. Code: 802331

Time: Three Hours

Maximum : 75 Marks

Answer All questions

Draw diagrams wherever necessary

I. Elaborate on:

(2 x 10 = 20)

1. Explain the historic development of the field of Audiology.
2. Describe the normal Speech and Language development.

II. Write notes on:

(8 x 5 = 40)

1. Explain the components of speech.
2. Role of an Audiologist.
3. Explain the difference between speech and language.
4. Explain sound in terms of pressure, power and intensity.
5. Interdisciplinary nature of speech-language pathology.
6. Difference between dB SPL and dB HL.
7. Missing six dB.
8. Different modes of communication.

III. Short answers on:

(5 x 3 = 15)

1. Name 3 language disorders.
2. Recruitment.
3. Periodic and aperiodic sounds.
4. Consanguinity.
5. Neurological basis of speech and language.

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Q.P. Code: 802331

Time: Three Hours

Maximum : 75 Marks

Answer All questions

Draw diagrams wherever necessary

I. Elaborate on:

(2 x 10 = 20)

1. Write a note on development of Audiology in Indian and Global context.
2. What are the prerequisites for Language development?

II. Write notes on:

(8 x 5 = 40)

1. What are the various settings for service delivery for Speech – Language pathologist?
2. What are the functions of communication?
3. Explain updown procedure of estimating minimum audible level.
4. Physiology of articulatory system.
5. Bel Vs decibel.
6. Explain the physiology of respiratory mechanism.
7. Intensity levels Vs Sound pressure levels.
8. Explain social basis of Speech and Language.

III. Short answers on:

(5 x 3 = 15)

1. Define Speech.
2. Bilingualism.
3. Minimum audible pressure.
4. Most Comfortable Level (MCL).
5. Explain absorption with example.

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FIRST SEMESTER (2017 - 2018)

PAPER I – COMMUNICATION SCIENCES

Q.P. Code: 802331

Time: Three Hours

Maximum : 75 Marks

Answer All questions

Draw diagrams wherever necessary

I. Elaborate on:

(2 x 10 = 20)

1. Explain normal development of speech.
2. Historical aspects of the field of Speech and Language.

II. Write notes on:

(8 x 5 = 40)

1. What are the cultural aspects in communication?
2. What are the various settings of service delivery for audiologist?
3. Factors affecting Language development.
4. Explain Staircase procedure of estimating minimum audible level.
5. Team approach for Communication disorders.
6. Similarities between Speech, Language and Communication.
7. Inter-dependency between Communication, Hearing, Speech and Language.
8. Acoustic features of Speech sounds

III. Short answers on:

(5 x 3 = 15)

1. Define Frequency response.
2. Threshold of pain.
3. Periodic Vs Aperiodic sounds.
4. Define Language.
5. Missing 6dB.

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FIRST SEMESTER (2017 - 2018)

PAPER I – COMMUNICATION SCIENCES

Q.P. Code: 802331

Time: Three Hours

Maximum : 75 Marks

Answer All questions

Draw diagrams wherever necessary

I. Elaborate on: **(2 x 10 = 20)**

1. Explain speech as an overlaid function.
2. Write in detail about speech and language development.

II. Write notes on: **(8 x 5 = 40)**

1. Aerodynamics of speech production.
2. What are the different modes of communication?
3. Multidisciplinary approach to communication disorders.
4. Distinction between speech, language and communication.
5. Neurological bases of speech and language pathology.
6. Inter-relation between communication, hearing, speech and language.
7. Cognitive bases of speech and language.
8. Explain the scope of audiology.

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

1. Minimum audible field.
2. Define communication.
3. Intensity levels vs sound pressure levels.
4. Define sensation Level.
5. What are the various branches of audiology?

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

[AHS 0321]

MARCH 2021

Sub. Code: 2331

(AUGUST 2020 EXAM SESSION)

BACHELOR IN AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY

SEMESTER - I (Regulation 2017-2018)

PAPER I – COMMUNICATION SCIENCES

Q.P. Code : 802331

Time: Three hours

Answer ALL Questions

Maximum: 75 Marks

I. Elaborate on:

(2 x 10 = 20)

1. Prerequisites and factors affecting speech and language development.
2. Elaborate on acoustic energy and power, absolute and relative units.

II. Write notes on:

(8 x 5 = 40)

1. History and development of speech pathology.
2. Reference equivalent threshold sound pressure levels.
3. Difference in communication, speech and language.
4. Scope of practice in audiology.
5. Write notes on component of speech.
6. Development of audiology in Indian context.
7. Role of speech language pathologist.
8. Genetic basis of speech language pathology.

III. Short answers on:

(5 x 3 = 15)

1. Define morphology.
2. Explain different types of babbling.
3. Notes on audiometer.
4. Hearing range of frequency and intensity.
5. Explain multilingualism.

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

[AHS 0422]

APRIL 2022

Sub. Code: 2331

(FEBRUARY 2021 & AUGUST 2021 EXAM SESSIONS)

BACHELOR IN AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY

SEMESTER - I (Regulation 2017-2018)

PAPER I – COMMUNICATION SCIENCES

Q.P NO. 802331

Time: Three Hours

Answer All questions

Maximum: 75 Marks

I. Elaborate on : (2X10=20)

1. Importance of neurological subsystems in speech production.
2. Development of instrumentation in audiology.

II. Write Notes on : (8X5=40)

1. Draw a neat diagram of audiometer and explain its parts.
2. Method of limits.
3. Explain minimum audible pressure and minimum audible field.
4. Functions of speech, language and communication.
5. Factors important for development of normal speech and language.
6. Define decibels and explain its various aspects.
7. Describe social and linguistic issues in communication of bilingual children.
8. Role of vocal tract in speech production.

III. Short Answers on : (5X3=15)

1. Importance of speech pathologist in special schools.
2. Unit of intensity.
3. Educational audiology.
4. Echolalia.
5. Most comfortable level.

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

[AHS 1122]

NOVEMBER 2022

Sub. Code: 2331

**BACHELOR IN AUDIOLOGY AND SPEECH - LANGUAGE PATHOLOGY
SEMESTER - I (Regulation 2017-2018)
PAPER I – COMMUNICATION SCIENCES
Q.P NO. 802331**

Time: Three Hours

Answer All questions

Maximum: 75 Marks

I. Elaborate on : (2X10=20)

1. Pre requisites and factors affecting Speech - Language Development.
2. Various procedures for estimating minimum audible levels.

II. Write Notes on : (8X5=40)

1. Write notes on Morphology development stages.
2. Sound pressure and decibel sound pressure level.
3. Neurological basis of speech and language pathology.
4. Different modes of communication.
5. Role of an audiologist in various settings.
6. Minimum audible level and staircase procedure for estimation.
7. Similarities between speech and language.
8. Branches of audiology.

III. Short Answers on : (5X3=15)

1. Define phonology.
2. Periodic and aperiodic sounds.
3. Missing six dB.
4. Define speech and language.
5. Threshold of pain.

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

[AHS 0423]

APRIL 2023

Sub. Code: 2331

**BACHELOR IN AUDIOLOGY AND SPEECH - LANGUAGE PATHOLOGY
SEMESTER - I (Regulation 2017-2018 onwards)
PAPER I – COMMUNICATION SCIENCES
Q.P. Code: 802331**

Time: Three Hours

Answer All questions

Maximum: 75 Marks

I. Elaborate on : **(2 X 10 = 20)**

1. Characteristics and application of Decibels.
2. Elaborate on Speech Chain.

II. Write Notes on : **(8 X 5 = 40)**

1. Speech mechanism as a Sound Generator.
2. Scope of Audiology.
3. Relationship between Intensity and Pressure.
4. Cognitive bases of Speech Language Pathology.
5. Development of Instrument in Audiology.
6. Importance of reference sound intensity and intensity levels.
7. Development of speech language pathology in Indian context.
8. Components of language.

III. Short Answers on : **(5 X 3 = 15)**

1. Define semantics.
2. Minimum audible levels.
3. Up-down procedure.
4. Define communication.
5. Notes on Most comfortable levels.

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

[AHS 1123]

NOVEMBER 2023

Sub. Code: 2331

BACHELOR IN AUDIOLOGY AND SPEECH - LANGUAGE PATHOLOGY

SEMESTER - I (Regulation 2017-2018 onwards)

PAPER I – COMMUNICATION SCIENCES

Q.P. Code: 802331

Time: Three Hours

Maximum : 75 Marks

Answer All questions

I. Elaborate on : (2 X 10 = 20)

1. Describe the importance of Subsystems in Speech, Language and Communication.
2. Elaborate on development of Audiology in Global Context.

II. Write Notes on : (8 X 5 = 40)

1. Importance of Resonatory system in speech production.
2. Role of an audiologist in hospital settings.
3. Relationship between Hearing and Speech-Language Development.
4. Explain syntactic development from 3 to 7 years.
5. Factors affecting development of Bilingualism.
6. Types of Hearing loss.
7. Bel and Decibels.
8. Branches of Audiology.

III. Short Answers on : (5 X 3 = 15)

1. Development of Babbling.
2. Pure tone average.
3. Minimum comfortable level.
4. Advantages of digital audiometer.
5. Social bases of speech and language.

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

[AHS 0424]

APRIL 2024

Sub. Code: 2331

BACHELOR IN AUDIOLOGY AND SPEECH - LANGUAGE PATHOLOGY

SEMESTER - I (Regulation 2017-2018 onwards)

PAPER I – COMMUNICATION SCIENCES

Q.P. Code: 802331

Time: Three Hours

Answer All questions

Maximum: 75 Marks

I. Elaborate on :

(2 X 10 = 20)

1. Development of Speech Language Pathology in India and Global context.
2. Characteristics and applications of Decibels.

II. Write Notes on :

(8 X 5 = 40)

1. Branches of Audiology.
2. Morphology development stages.
3. Interdisciplinary nature of Speech Language Pathology.
4. Cognitive bases of Speech and Language.
5. Development of Speech milestones from birth to 3 years.
6. Role of an Audiologist in various settings.
7. Threshold of Pain and most comfortable levels.
8. Up-down procedure.

III. Short Answers on :

(5 X 3 = 15)

1. Define Speech.
2. Bilingualism.
3. Explain missing six dB.
4. Intensity range in audiometer.
5. Staircase procedure.

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

[AHS 0425]

APRIL 2025

Sub. Code: 2331

BACHELOR IN AUDIOLOGY AND SPEECH - LANGUAGE PATHOLOGY

SEMESTER - I (Regulation 2017-2018 onwards)

PAPER I – COMMUNICATION SCIENCES

Q.P. Code: 802331

Time: Three Hours

Answer All questions

Maximum: 75 Marks

I. Elaborate on :

(2 X 10 = 20)

1. Different procedure of Estimating Audible Levels.
2. Explain Acoustic Theory of Speech Production.

II. Write Notes on :

(8 X 5 = 40)

1. Relationship between Speech, Language and Communication.
2. Development of Instrumentation in Audiology.
3. Development of Articulation.
4. Issues related to bilingualism.
5. Role of an Audiologist in Industrial settings.
6. Different modes of Communication.
7. Speech mechanism as Sound Generator.
8. Genetic basis of Speech and Language.

III. Short Answers on :

(5 X 3 = 15)

1. Pure tone average.
2. Role of Respiratory system in speech production.
3. Draw and explain an audiogram.
4. Periodic and Aperiodic sounds.
5. Bilabial sounds.

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

[AHS 1125]

NOVEMBER 2025

Sub. Code: 2331

BACHELOR IN AUDIOLOGY AND SPEECH - LANGUAGE PATHOLOGY

SEMESTER - I (Regulation 2017-2018 onwards)

PAPER I – COMMUNICATION SCIENCES

Q.P. Code: 802331

Time: Three Hours

Answer All Questions

Maximum: 75 Marks

I. Elaborate on :

(2 x 10 = 20)

1. Pre-requisites and factors affecting speech-language development.
2. Branches of audiology.

II. Write Notes on :

(8 x 5 = 40)

1. Modes of Communication.
2. Role of speech language pathologist.
3. Similarities between speech, language and communication.
4. Minimum audible pressure.
5. Sound pressure and decibel sound pressure levels.
6. Social basis of speech and language.
7. Components of language.
8. Explain Respiratory subsystem.

III. Short Answers on :

(5 x 3 = 15)

1. Explain Multilingualism.
2. Define Semantics.
3. Audiometer components.
4. Notes on Most comfortable levels.
5. Explain Resonance.
