[KZ 1011]   **Sub. Code: 3004**

MASTER OF AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY (MASLP) DEGREE EXAMINATION
FIRST YEAR
PAPER IV– SPEECH AND LANGUAGE PROCESSING SYSTEM

Q.P. Code : 433004

Time : 3 hours   **Maximum : 100 marks**
   (180 Min)

Answer ALL questions in the same order.

I. Elaborate on :	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Is sentence processing parallel or serial? Justify your answer with research evidence.	17	40	20
2. Explain in detail the various models of visual word recognition.	17	40	20
II. Write notes on :			
1. Acoustic cues for the perception of nasals.	4	10	6
2. Logogen model of spoken word recognition and its limitations.	4	10	6
3. Prosodic bootstrapping hypothesis.	4	10	6
4. Processing of anaphora.	4	10	6
5. Acoustic cues for the POA of stop consonants.	4	10	6
6. Explain any one interactive model of spoken word recognition.	4	10	6
7. Infants do not require prior experience to discriminate speech sounds. Justify with research evidence.	4	10	6
8. Cues for the perception of diphthongs.	4	10	6
9. Do we make use of semantic information to resolve syntactic ambiguities? Justify your answer with research evidence.	4	10	6
10. What is the role of memory in speech processing? Justify with research evidence.	4	10	6

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**MASTER OF AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY
(MASLP) DEGREE EXAMINATION -April -2012
FIRST YEAR
PAPER IV – SPEECH AND LANGUAGE PROCESS SYSTEM**
Q.P. Code : 433004

Time : 3 hours   **Maximum : 100 marks**
   (180 Min)

Answer ALL questions in the same order.

I. Elaborate on :	Pages (Max.)	Time (Max.)	Marks (Max.)
1. The stages of word recognition	17	40	20
2. The factors affecting consonant & vowel perception.	17	40	20
II. Write notes on :			
1. Sentence comprehension	4	10	6
2. Cross model priming.	4	10	6
3. Factors affecting lexical decision	4	10	6
4. Effect of co-articulation in phonetic perception	4	10	6
5. Neighborhood activation model.	4	10	6
6. Processing of language morphology	4	10	6
7. Acoustic properties of consonants	4	10	6
8. Word monitoring	4	10	6
9. Memory & attention in speech and language processing	4	10	6
10. Speech perception in noise	4	10	6

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MASTER OF AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY
(MASLP) DEGREE EXAMINATION
Candidates admitted 2010-2011
FIRST YEAR
PAPER IV– SPEECH AND LANGUAGE PROCESSING SYSTEM
Q.P. Code : 433004

Time : 3 hours   **Maximum : 100 marks**
         (180 Min)
                    Answer ALL questions in the same order.

I. Elaborate on :   **Pages Time Marks**
                                                             (Max.)(Max.)(Max.)

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Explain the notion of sentence. How does parsing enable one to process the sentence?	17	40	20
2. What do you understand by speaker see recognition. What acoustic factors contribute towards such recognition. Discuss.	17	40	20

II. Write Notes on :

	Pages	Time	Marks
1. Logogen model on lexical recognition.	4	10	6
2. Native Vs foreign language contrasts in sentence processing.	4	10	6
3. Factors affecting consonant perception.	4	10	6
4. Sentence comprehension.	4	10	6
5. Acoustic properties of vowels.	4	10	6
6. Issues on cross model priming.	4	10	6
7. Cohort models.	4	10	6
8. Recognition of spoken word under noise.	4	10	6
9. Processing of language syntax.	4	10	6
10. Effect of co-articulation in vowel perception.	4	10	6

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**MASTER OF AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY
(MASLP) DEGREE EXAMINATION
Candidates admitted 2010-2011
FIRST YEAR
PAPER IV– SPEECH AND LANGUAGE PROCESSING SYSTEM**
Q.P. Code : 433004

Time : 3 hours   **Maximum : 100 marks**
       (180 Min)

I. Elaborate on: **(2x20=40)**

  1. The factors affecting consonant and vowel perception.
  2. Components of lexical access.

II. Write notes on :   **(10X6=60)**

  1. Word monitoring.

  2. Memory and attention in speech and language processing.

  3. Speech perception in noise.

  4. Visual word recognition.

  5. Development of speech perception.

  6. Cross model priming.

  7. Ambiguities and disambiguities in parsing.

  8. Processing the pragmatic aspects of language.

  9. Derivational theory of complexity.

10. Prosodic organization in native language.
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MASTER OF AUDIOLOGY AND SPEECH LANGUAGEPATHOLOGY
(MASLP) DEGREE EXAMINATION
FIRST YEAR
PAPER- IV SPEECH AND LANGUAGE PROCESSING SYSTEM

Q.P. Code: 433004

Time: Three hours   **Maximum: 100 Marks**
Answer All questions
I   Elaborate on: **(2x20 =40)**

1. Compare and contrast the parallel and serial models of sentence processing. Explain which model you support and why?
2. Write in detail about the perception of fricatives and affricates.

II. Write Short notes on: **(10 x 6 = 60)**

1. Write about the acoustic theory of speech perception and critically evaluate the same.
2. Explain different types of dyslexia using the models of visual word recognition.
3. Discuss the role of memory in language processing.
4. Cues for the place of articulation of stops.
5. Speech processing in cortical areas.
6. Does discourse play a role in resolving ambiguity?
7. Prosodic organization in native language.
8. Is infant's perception of consonants categorical or continuous? Justify.
9. Stages of word production.
10. Theories of lexical access

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MASTER OF AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY
(MASLP) DEGREE EXAMINATION
FIRST YEAR
(2010-2011 Session onwards)
PAPER - IV SPEECH AND LANGUAGE PROCESSING SYSTEM

Q.P. Code: 433004

Time: Three hours   **Maximum: 100 Marks**

I. Elaborate on: **(2 x 20 = 40)**

1. Write in detail about the perception of fricatives and affricates.

2. Compare and contrast the serial and parallel models of sentence processing. Explain which model you support and why?

II. Write notes on: **(10 x 6 = 60)**

1. List and discuss the cues for the place of articulation of stops.

2. Write about the acoustic theory of speech perception and critically evaluate the same.

3. Explain different types of dyslexia using the models of visual word recognition.

4. Discuss the role of memory in language processing.

5. Write about speech processing in cortical areas.

6. Does discourse play a role in resolving ambiguity?

7. Write on prosodic organization in native language.

8. Is infant's perception of consonants categorical or continuous? Justify.

9. Discuss the stages of word production.

10. Write about the theories of lexical access.

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MASTER OF AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY
(MASLP) DEGREE EXAMINATION
FIRST YEAR
(2010-2011 Session onwards)
PAPER - IV SPEECH AND LANGUAGE PROCESSING SYSTEM

Q.P. Code: 433004

Time: Three hours   **Maximum: 100 Marks**

I. Elaborate on: **(2 x 20 = 40)**

1. Write in detail about the acoustic theory of speech perception and critically evaluate the same.

2. Explain different methods to study the spoken word recognition along with their advantages and limitations.

II. Write notes on: **(10 x 6 = 60)**

1. How speech is processed in cortical areas?

2. Is the infant's ability to discriminate between speech sounds innate or acquired with exposure to a language? Discuss.

3. Write about the major and minor cues for the perception of nasals.

4. Is sentence processing parallel or serial? Justify with research evidence.

5. Explain the prosodic organization in native language.

6. What is garden path effect? Explain with an example.

7. Modular Vs. interactive models of sentence processing.

8. Does discourse play a role in resolving ambiguity?

9. Logogen Vs Cohort model.

10. Role of memory in language processing.

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[LH 0415]　　　　　　　**OCTOBER 2015**　　　　　**Sub. Code: 3004**

MASTER OF AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY
(from 2011-2012 Session onwards)
FIRST YEAR
PAPER IV – SPEECH AND LANGUAGE PROCESSING SYTEM

Q.P. Code : 433004

Time : Three hours　　　　　　　　　　　**Maximum : 100 marks**

I. Elaborate on:　　　　　　　　　　　　　　**(2 x 20 = 40)**

1. Explain different methods to study the spoken word recognition along with their advantages and limitations.

2. Write in detail about the acoustic theory of speech perception and critically evaluate the same.

II. Write notes on:　　　　　　　　　　　　　**(10 x 6 = 60)**

1. Is the infant`s ability to discriminate between speech sounds innate or acquired with exposure to a language? Discuss.

2. Speech processing in cortical areas.

3. Explain the prosodic organization in native language

4. Logogen Vs Cohort model

5. Is sentence processing parallel or serial? Justify.

6. Major and minor cues for the perception of nasals.

7. Role of memory in language processing

8. Does discourse play a role in resolving ambiguity?

9. Modular Vs. interactive models of sentence processing.

10. What is garden path effect? Explain with an example.

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MASTER OF AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY
FIRST YEAR
PAPER IV – SPEECH AND LANGUAGE PROCESSING SYSTEM

Q.P. Code : 433004

Time : Three hours   **Maximum : 100 Marks**

I. Elaborate on: **(2 x 20 = 40)**

1. The perceptional strategies for retrieving information from distorted speech.

2. Components of lexical access.

II. Write notes on: **(10 x 6 = 60)**

1. Factors affecting vowel perception.
2. Garden path effect.
3. Development of speech perception.
4. Factors affecting consonant perception.
5. Memory & attention in speech and language processing.
6. Ambiguities and disambiguities in parsing.
7. Effect of co-articulation in phonetic perception.
8. Discourse comprehension.
9. Role of Phonology in word recognition.
10. Processing of pragmatics of language.

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MASTER OF AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY EXAMS
FIRST YEAR
PAPER IV – SPEECH AND LANGUAGE PROCESSING SYSTEM

Q.P. Code : 433004

Time : Three hours   **Maximum : 100 Marks**

I. Elaborate on: (2 x 20 = 40)

1. Describe the role of attention and memory in language processing.

2. Describe the tasks pertaining to filtered and truncated words and word under noise conditions with relevant studies.

II. Write notes on: (10 x 6 = 60)

1. Discuss the effect of coarticulation on the perception of vowels.

2. Describe the perceptual cues for stops and affricatives.

3. Elaborate on the models of vowel perception.

4. Priming is a task assessing the lexical processing in an individual. Explain.

5. Explain lexical access and lexical concept.

6. What is LAFS? Explain the nature of LAFS model.

7. Explain word and non-word reading from the perspective of DRC model.

8. Describe the role of phonology in visual word recognition.

9. Comment on the prosodic organization in native language.

10. Describe the speech processing in a foreign language contrasts.

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MASTER OF AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY EXAMS
FIRST YEAR
PAPER IV – SPEECH AND LANGUAGE PROCESSING SYSTEM

Q.P. Code : 433004

Time : Three hours   **Maximum : 100 Marks**

I. Elaborate on: **(2 x 20 = 40)**

1. Write in detail about the perception of fricatives and affricates.

2. Explain in detail the various models of visual word recognition.

II. Write notes on: **(10 x 6 = 60)**

1. Explain the perceptual cues for nasals.

2. Discuss the native and foreign language contrast.

3. Describe cross model priming issues in spoken word recognition.

4. Phonological processing of language.

5. Cohort Vs Logogen model.

6. Do we make use of semantic information to resolve syntactic ambiguities? Justify your answer with research evidence.

7. Sentence comprehension.

8. Ambiguities and disambiguities in parsing.

9. Explain co-articulation.

10. How speech is processed in cortical areas?

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MASTER OF AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY EXAMS
FIRST YEAR
PAPER IV – SPEECH AND LANGUAGE PROCESSING SYSTEM

Q.P. Code : 433004

Time : Three hours   Maximum : 100 Marks

I. Elaborate on: **(2 x 20 = 40)**

   1. Visual word recognition - models and theories.

   2. Consonant perception, cues and factors affecting consonant Perception.

II. Write notes on: **(10 x 6 = 60)**

   1. Reference and anaphora.

   2. Phonetic perception.

   3. Discourse comprehension and expression.

   4. Constraints of temporal structure - Cohort models.

   5. What is LAFS? Explain the nature of LAFS model.

   6. Processing of phonological aspect of language.

   7. Phonetic processing-phonetic characterization task.

   8. Rhyme monitoring.

   9. Spoken word recognition.

   10. Logogen model.

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MASTER OF AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY EXAMS
FIRST YEAR
PAPER IV – SPEECH AND LANGUAGE PROCESSING SYSTEM

Q.P. Code : 433004

Time : Three hours   **Maximum : 100 Marks**

I. Elaborate on: **(2 x 20 = 40)**

1. Explain various speech and language processing models in detail.

2. Explain coarticulation, its types and factors affecting them in detail.

II. Write notes on: **(10 x 6 = 60)**

1. Role of memory in language processing.
2. Native language perception.
3. Role of phonology in word recognition.
4. Models of spoken word recognition.
5. Phonological encoding.
6. Cues for nasal sound perception.
7. Word under noise.
8. Formants.
9. Word monitoring.
10. Phonetic characterization task.

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MASTER OF AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY EXAMS
FIRST YEAR
PAPER IV – SPEECH AND LANGUAGE PROCESSING SYSTEM

Q.P. Code : 433004

Time : Three hours   Maximum : 100 Marks

I. Elaborate on: **(2 x 20 = 40)**

1. Explain various cues for perception of vowels.

2. Explain role of memory and attention in speech and language processing.

II. Write notes on: **(10 x 6 = 60)**

1. Coarticulation.

2. Factors affecting perception of stop sounds.

3. Neighborhood activation model.

4. Word spotting.

5. Visual word recognition in dyslexia.

6. Discourse comprehension.

7. Foreign language contrasts.

8. Semantics processing of language.

9. Development of speech perception.

10. Cross modal priming issues.

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

[LQ 1120]   **NOVEMBER 2020**   Sub. Code: 3004
                   (MAY 2020 EXAM SESSION)

MASTER OF AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY
FIRST YEAR – (Regulation 2010 – 2011)
PAPER IV – SPEECH AND LANGUAGE PROCESSING SYSTEM
Q.P. CODE: 433004

Time: Three hours   Answer ALL Questions   Maximum: 100 Marks

I. Elaborate on :   (2x20=40)

1. Describe different types of Priming and its relevance to Visual Word Recognition.

2. Discuss the factors that influence perception of Vowels in Indian Language.

II. Write notes on :   (10x6=60)

1. Rhyme monitoring.

2. Parsing.

3. Cohort model.

4. Phoneme trigged lexical decision.

5. Dynamic cue for Vowel perception.

6. Role of memory in Language learning.

7. Infant speech perception.

8. Tokens embedded in Word and Non-words.

9. Serial model of processing.

10. Acquired Dyslexia.

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[AHS 0321]   **MARCH 2021**   Sub. Code: 3004
(OCTOBER 2020 EXAM SESSION)
MASTER OF AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY
FIRST YEAR (From 2010-2011 onwards)
PAPER IV - SPEECH AND LANGUAGE PROCESSING
Q.P. Code : 433004

Time : Three hours   Answer ALL Questions   Maximum : 100 Marks

I. Elaborate on :   (2x20=40)

1. Critically evaluate any two interactive models of word recognition.

2. Write an essay of syntactic and semantic processing.

II. Write notes on :   (10x6=60)

1. Truncated word perception.
2. Reference and Anaphora.
3. Factors affecting speech perception.
4. Discourse expression.
5. Role of attention I n language learning.
6. Strategies for disambiguation.
7. Cross modal priming.
8. Static cues for vowel perception.
9. Sentence and word processing.
10. Neighborhood effects.

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

[AHS 0222]   FEBRUARY 2022   Sub. Code: 3004
(OCTOBER 2021 EXAM SESSION)

MASTER OF AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY
FIRST YEAR (From 2010-2011 onwards)
PAPER IV - SPEECH AND LANGUAGE PROCESSING
Q.P. Code : 433004

Time : Three hours   **Answer ALL Questions**   **Maximum : 100 Marks**

I. Elaborate on :   **(2x20=40)**

1. Write an essay on methods to study speech perception in human.

2. With the literature support. Discuss the current issues in spoken word recognition.

II. Write notes on :   **(10x6=60)**

1. Logogen model.
2. Pragmatic processing.
3. Effect of co-articulation
4. Cues for perception of consonants.
5. Types of memory.
6. Stages of word recognition.
7. Components of language.
8. Word superiority effects.
9. Parallel model of processing.
10. Recognition of continuous speech.

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[AHS 0522]   **MAY 2022**   **Sub. Code: 3004**

MASTER OF AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY
FIRST YEAR (From 2010-2011 onwards)
PAPER IV - SPEECH AND LANGUAGE PROCESSING
Q.P. Code : 433004

Time: Three hours   **Answer ALL Questions**   **Maximum : 100 Marks**

I. Elaborate on: **(2x20=40)**

1. Perception of vowels in detail.

2. Elaborate on Role of memory and attention.

II. Write notes on: **(10x6=60)**

1. Visual word recognition in acquired dyslexia.
2. How is prosodic organization in native language?
3. Write about Cross modal priming issues.
4. Reference and anaphora.
5. Phoneme monitoring task.
6. Static and dynamic cues in consonant perception.
7. Notes on phoneme triggered lexical decision.
8. Notes on nasal sound perception.
9. Role of phonology in word recognition.
10. Tokens embedded in words and non words.

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