

Unit 5 - Week 3: Speech Production and Comprehension

Register for Certification exam

Course outline

How to access the portal

Assignment-0 (Only for self assessment; not for grading)

Week 1: Introduction to Language

Week 2: Language Development in Infants & Young Children

Week 3: Speech Production and Comprehension

- Lecture 11: Speech Production 1

- Lecture 12: Speech Production 2

- Lecture 13: Speech Production 3

- Lecture 14: Speech Comprehension 1

- Lecture 15: Speech Comprehension 2

- Quiz : Assignment 3

- Feedback For Week 3

- Solutions for Assignment 3

Week 4: Word Processing

Week 5: Sentence Processing

Week 6: Reading

Week 7: The Neural Basis of Language

Week 8: Bilingualism

Interaction Session

Assignment 3

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2019-03-20, 23:59 IST

1) In reference to picture – naming tests, which one of the following statements is correct?

- It helps us understand how one finds words for expressing feelings.
- It helps us understand how one finds phrases for expressing feelings.
- It helps us understand how one finds words for expressing concepts.
- It helps us understand how one finds phrases for expressing concepts.

No, the answer is incorrect.

Score: 0

Accepted Answers:

It helps us understand how one finds words for expressing concepts.

2) Principle of preemption is able to explain, why isolated formant transitions are sometimes perceived as phonemes and sometimes as a loud chirp or buzz. 1 point

- True
- False

No, the answer is incorrect.

Score: 0

Accepted Answers:

True

3) When we speak, we monitor it for errors. Neuroimaging has shown that such a feedback loop involves: 1 point

- Posterior Lobe
- Temporal Lobe
- Frontal Lobe
- All of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

All of the above

4) According to FLMP, which of the following types of processes are involved in speech perception: 1 point

- Bottom – Up only
- Top – Down only
- Neither Bottom – Up nor Top – Down
- Both, Bottom – Up and Top – Down

No, the answer is incorrect.

Score: 0

Accepted Answers:

Both, Bottom – Up and Top – Down

5) Which of the following statements is / are true about the TOT phenomenon: 1 point

- Under certain circumstances, a speaker is able to pronounce some type of words more quickly than the other words.
- Prospecting, a method of reducing TOT effects is about asking participants to carry around a diary and recording all of their TOT experiences in a given period of time.
- TOT experiences can be taken as evidences for the distinction between semantic activation & phonological activation.
- All of the above.

No, the answer is incorrect.

Score: 0

Accepted Answers:

TOT experiences can be taken as evidences for the distinction between semantic activation & phonological activation.

6) In an experiment conducted by Carol Fowler, participants were made to listen recording of syllables and at the same time they were made to feel the lips of a person who mouthed a different syllable. Which of the following statements is true about the outcome of this experiment? 1 point

- Participants perceived the spoken syllable, indicating that only information from auditory signals contribute towards speech perception.
- Participants perceived the mouthed syllable, indicating that in presence of other sources of signals, information from auditory signals do not contribute towards speech perception.
- Participants perceived a hybrid syllable, indicating that information from all kinds of signals (irrespective of source) contribute towards speech perception.
- None of the above.

No, the answer is incorrect.

Score: 0

Accepted Answers:

Participants perceived a hybrid syllable, indicating that information from all kinds of signals (irrespective of source) contribute towards speech perception.

7) Syllabification refers to: 1 point

- Mapping the activated sets of morphemes onto a set of syllables.
- Mapping the activated sets of phonemes onto a set of syllables.
- Mapping the activated sets of vowels onto a set of syllables.
- Mapping the activated sets of consonants onto a set of syllables.

No, the answer is incorrect.

Score: 0

Accepted Answers:

Mapping the activated sets of phonemes onto a set of syllables.

8) Which one of the following statements is false? 1 point

- Homophones are words that have same meaning and different spellings.
- If a word has a high frequency twin, a speaker is expected to produce the low frequency version about as fast as the high frequency version, because the overall lexeme frequency is high.
- The tendency to perceive ambiguous speech stimuli as real words if possible is known as the Ganong Effect.
- None of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

Homophones are words that have same meaning and different spellings.

9) If a person is more likely to say lobster by mistake when they intend to say oyster than they are to say octopus is an example of: 1 point

- Mixed Errors
- Word Exchange Errors
- Both
- None

No, the answer is incorrect.

Score: 0

Accepted Answers:

Mixed Errors

10) Gestures, rather sound, represent the fundamental unit of mental representation in speech. This statement is proposed by: 1 point

- WEAVER++ model
- Motor Theory of Speech Perception
- Lemma Theory
- Mirror Neuron Theory

No, the answer is incorrect.

Score: 0

Accepted Answers:

Motor Theory of Speech Perception

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