

## Unit 7 - Week 5: Sentence Processing

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 &amp; Young Children

## Week 3: Speech Production and Comprehension

## Week 4: Word Processing

## Week 5: Sentence Processing

Lecture 21: What is a sentence?

Lecture 22: Parsing Sentences - 1

Lecture 23: Parsing Sentences - 2

Lecture 24: Parsing Sentences - 3

Lecture 25: Parsing Sentences - 4

Quiz : Assignment 5

Solutions for Assignment-5

Feedback For Week 5

## Week 6: Reading

## Week 7: The Neural Basis of Language

## Week 8: Bilingualism

## Interaction Session

## Assignment 5

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

Due on 2019-04-03, 23:59 IST

1) \_\_\_\_\_ is a mechanism that carries out processes that identify relationships between word in sentences.

- Syntactic Parser  
 Syntactic Parsing  
 None of the above

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Syntactic Parser

2) The structural ambiguities are resolved on the basis of stored records relating to the prevalence of the resolution of comparable ambiguities in the past. This hypothesis is known as:

- Ambiguity Hypothesis  
 Tuning Hypothesis  
 Minimal Attachment heuristics  
 None of the above

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Tuning Hypothesis

3) Consider the following two sentences:

Sentence 1: The son of the actress who had a fancy dress left the studio.

Sentence 2: The son of the actress who had a fancy necklace left the studio.

Which of the following two statements are true?

A) If parsing is done according to the late closure heuristic, processing of sentence 1 will be easier than that of sentence 2, which further goes in line with the results obtained by Traxler, Pickering & Clifton in 1998.

B) According to Construal Based Parsing, both sentences should be equally difficult for processing, which further goes in line with the results obtained by Traxler, Pickering & Clifton in 1998.

- Only A  
 Only B  
 Both A and B  
 Neither A nor B

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Only B

4) Can cues provided by prosody help the parser to construct the correct syntactic structures, when the input is syntactically ambiguous?

- Yes  
 No

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Yes

5) According to Constraint Based Theories, people don't pay attention to subcategory preference information.

- True  
 False

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
False

6) Consider the following two sentences:

Sentence 1: The candidate interviewed by the manager went out.

Sentence 2: The candidate who was interviewed by the manager went out.

Which of the following statements are true?

- Both the sentences are equally harder to process.  
 Sentence 1 is easier to process than sentence 2 because sentence 1 has a relative clause.  
 Sentence 1 is harder to process than sentence 2 because sentence 2 has a relative clause.  
 Sentence 1 is easier to process than sentence 2 because sentence 2 has a relative clause.

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Sentence 1 is harder to process than sentence 2 because sentence 2 has a relative clause.

7) The immediacy principle suggests that:

- People are able to make the correct decision immediately after receiving partial information while reading a sentence.  
 People don't attempt to take decisions immediately after receiving partial information while reading a sentence; people wait until they have all the information required to make the correct decision.  
 People make incorrect assumptions based on partial information while reading sentences, rather than waiting until all the information required for making correct decision is available.  
 None of the above.

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
People make incorrect assumptions based on partial information while reading sentences, rather than waiting until all the information required for making correct decision is available.

8) Which of the following is not important to consider a collection of words as a sentence?

- Words should be meaningful.  
 Organisation of words should be as per grammatical rules.  
 It should be able to convey the intended message.  
 There should not be any ambiguity.

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
There should not be any ambiguity.

9) If more than one structure found to be consistent with the input, the structure with fewest nodes should be preferred. This goes in accordance with principles of:

- Main Assertion Preference  
 Minimal attachment  
 Late closure principle  
 None of the above

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Minimal attachment

10) According to Argument Structure Hypothesis, structural information related to a verb's arguments is stored in the lexicon.

- True  
 False

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
True

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