

Spring 2024

Home

Assignments

Discussions

Grades

7

People

Pages

Syllabus

Quizzes

Modules

BigBlueButton

Collaborations

Chat

Follett Discover

Gradescope

Quiz5

Due Feb 5 at 12pm

Points 8

Questions 8

Available Jan 31 at 12am - Feb 5 at 12pm

Time Limit 8 Minutes

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	5 minutes	8 out of 8

ⓘ Correct answers will be available on Feb 5 at 2pm.

Score for this quiz: 8 out of 8
Submitted Feb 4 at 9:24pm
This attempt took 5 minutes.

Question 11 / 1 pts

Considering the following CFG rules, which sentence is not acceptable?

(1) $sentence ::= nounphrase\ verbphrase$.

(2) $nounphrase ::= article\ noun$

(3) $article ::= a\ |\ the$

(4) $noun ::= girl\ |\ dog$

(5) $verbphrase ::= verb\ nounphrase$

(6) $verb ::= sees\ |\ pets$

☐ a girl sees the girl

☐ a dog pets the dog

☐ the dog pets a girl

☒ the girl sees the pets

Question 21 / 1 pts

In each CFG rule a terminal is defined.

☐ True

☒ False

Question 31 / 1 pts

Starting symbol is a terminal from which the derivation starts.

☐ True

☒ False

Question 41 / 1 pts

BNF format is used to specify CFG rules.

☒ True

☐ False

Question 51 / 1 pts

Given a derivation, a single parse tree can be made out of it.

☒ True

☐ False

Question 61 / 1 pts

Abstract syntax trees are used by evaluators, rather than parse trees.

☒ True

☐ False

Question 71 / 1 pts

Abstract syntax may eliminate nodes of parse trees that play significant roles in the evaluation.

☐ True

☒ False

Question 81 / 1 pts

Any regular expression can be specified as a CFG rules.

☒ True

☐ False

Submission Details:

Time:	5 minutes
Current Score:	8 out of 8
Kept Score:	8 out of 8

Quiz Score: 8 out of 8

◀ Previous

Next ▶