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**NORTH AMERICAN
UNIVERSITY**
INSPIRATION INNOVATION GLOBAL COMPETENCE

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February - 19 February > Homework 5

Started on Wednesday, 15 February 2017, 11:41 PM**State** Finished**Completed on** Wednesday, 15 February 2017, 11:43 PM**Time taken** 2 mins 12 secs**Marks** 5.00/5.00**Grade** **100.00** out of 100.00**Question 1**

Correct

Mark 1.00 out of 1.00

Type compatibility can be checked in context-free grammars.

Select one:

- ☐ True
- ☒ False ✓

Attribute grammar can check type compatibility.

The correct answer is 'False'.

Question 2

Correct

Mark 1.00 out of 1.00

Operational semantics deals with the effects of running a program on a machine.

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

Question 3

Correct

Mark 1.00 out of 1.00

For which one of the following we do not need attribute grammars?

Select one:

- ☐ a. To find inherited attributes
- ☐ b. To find intrinsic attributes
- ☒ c. To check ambiguity ✓
- ☐ d. To find synthesized attributes

Your answer is correct.

The correct answer is: To check ambiguity

Question 4

Correct

Mark 1.00 out of 1.00

Dynamic semantics deals with the meaning of expressions, statements, and program units.

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

Question 5

Correct

Mark 1.00 out of 1.00

A(n) _____ is a device used to describe more of the structure of a programming language than can be described with a context-free- grammar.

Select one:

- ☐ a. Extended BNF
- ☐ b. static semantics
- ☐ c. recognizer
- ☒ d. attribute grammar ✓

Your answer is correct.

The correct answer is: attribute grammar