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**NORTH AMERICAN
UNIVERSITY**
INSPIRATION INNOVATION GLOBAL COMPETENCE



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Dashboard > My courses > COMP > COMP 3320.Programming Languages.2017SPR.s1 > 13
February - 19 February > Homework 5

Started on Monday, 13 February 2017, 2:54 PM**State** Finished**Completed on** Monday, 13 February 2017, 2:58 PM**Time taken** 4 mins 38 secs**Marks** 5.00/5.00**Grade** **100.00** out of 100.00**Question 1**

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 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 find synthesized attributes
- ☒ d. To check ambiguity ✓

Your answer is correct.

The correct answer is: To check ambiguity

Question 4

Correct

Mark 1.00 out of 1.00

The static semantics of a language deals with the syntax rather than semantics.

Select one:

- ☒ True ✓
- ☐ False

True

The correct answer is 'True'.

Question 5

Correct

Mark 1.00 out of 1.00

What does the following attribute grammar mean:

Syntax rule: `<fun_def> → function <fun_name>[1]`

`<fun_body> end <fun_name>[2];`

Predicate: `<fun_name>[1].string == <fun_name>[2].string`

Select one:

- ☒ a. The name on the end of a function must match the functions name ✓
- ☐ b. Functions should have two variables
- ☐ c. Syntax rule should come before predicate rule when writing in that programming language
- ☐ d. Functions cannot be defined without variables

Your answer is correct.

The correct answer is: The name on the end of a function must match the functions name