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**NORTH AMERICAN
UNIVERSITY**
INSPIRATION INNOVATION GLOBAL COMPETENCE



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Started on	Wednesday, 1 March 2017, 10:18 AM
State	Finished
Completed on	Wednesday, 1 March 2017, 10:21 AM
Time taken	2 mins 58 secs
Marks	2.00/2.00
Grade	100.00 out of 100.00

Question 1

Correct

Mark 1.00 out of 1.00

Which operator has highest precedence in the following EBNF?

$\langle \text{expr} \rangle \rightarrow \langle \text{term} \rangle \{ (+ \mid -) \langle \text{term} \rangle \}$

$\langle \text{term} \rangle \rightarrow \langle \text{factor} \rangle \{ (* \mid /) \langle \text{factor} \rangle \}$

$\langle \text{factor} \rangle \rightarrow \text{id} \mid \text{int_constant} \mid (\langle \text{expr} \rangle)$

Select one:

- ☐ a. Addition
- ☒ b. Multiplication and Division ✓
- ☐ c. Division
- ☐ d. Addition and Subtraction

Your answer is correct.

The correct answer is: Multiplication and Division

Question 2

Correct

Mark 1.00 out of 1.00

A recursive-descent parser is so named because it consists of a collection of subprograms, many of which are recursive, and it produces a parse tree in top-down order.

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.