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

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Week 5 Module 4 Knowledge Checks (Fall/Spring)

Due	No due date	Points	7	Questions	7	Time Limit	None
Allowed Attempts	Unlimited						

Take the Quiz Again

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	19,813 minutes	7 out of 7

Submitted Feb 17 at 8:42pm

Question 11 / 1 pts

Week 5 Module 4 Lesson 1 Question 1

Which step is *not* essential for a successful simulation study?

☐ a. Problem formulation

☐ b. Model validation

☐ c. Experimental design

Last Attempt Details:	
Time:	19,813 minutes
Current Score:	7 out of 7
Kept Score:	7 out of 7

Unlimited Attempts

Take the Quiz Again
(Will keep the highest of all your scores)



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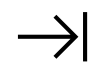
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Correct!

- ☐ d. Output analysis
- ☒ e. Attendance at the University of Georgia

Question 2

1 / 1 pts

Week 5 Module 4 Lesson 2 Question 1

TRUE or FALSE? The **system state** is a set of variables that contains enough information to describe the system.

Correct!

- ☒ True
- ☐ False

Question 3

1 / 1 pts

Week 5 Module 4 Lesson 2 Question 2

Characteristics such as the priority or speed of a customer are known as ...?

Correct!

- ☐ a. Variables
- ☐ b. Function values
- ☐ c. Entities
- ☒ d. Attributes

☐ e. Activities



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Question 4

1 / 1 pts

Week 5 Module 4 Lesson 3 Question 1

TRUE or FALSE? The simulation clock and future event list form the ❤️ (heart) of any discrete-event simulation system.

Correct!

☒ True

☐ False

Question 5

1 / 1 pts

Week 5 Module 4 Lesson 3 Question 2

What are we allowed to do on the future event list?

☐ a. Insert new events

☐ b. Delete events

☐ c. Move events around

Correct!

☒ d. All of the above



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Question 6

1 / 1 pts

Week 5 Module 4 Lesson 4 Question 1

What is the name of the primary modeling approach that we will be using in this class, especially when we do Arena?

Correct!

- ☐ a. Event-Scheduling
- ☒ b. Process-Interaction
- ☐ c. Continuous Modeling
- ☐ d. Mixed Modeling
- ☐ e. Event-Interaction

Question 7

1 / 1 pts

Week 5 Module 4 Lesson 5 Question 1

When selecting a simulation language, what characteristics do you have to take into consideration?

- ☐ a. Cost
- ☐ b. Ease of use
- ☐ c. Modeling "world view" (e.g., event-scheduling or process-interaction)
- ☐ d. Random variate generation capabilities



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Correct!

☐ e. Output analysis capabilities

☒ f. All of the above

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