

CS4300 Computer Graphics SEC 01 - Fall 2016 CS4300.12925.201710

Assignments Quizzes

Review Test Submission: Quiz 6

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User	Ranran He
Course	CS4300 Computer Graphics SEC 01 - Fall 2016
Test	Quiz 6
Started	10/17/16 4:23 PM
Submitted	10/17/16 9:02 PM
Due Date	10/17/16 11:59 PM
Status	Completed
Attempt Score	20.00001 out of 40 points
Time Elapsed	4 hours, 39 minutes
Results Displayed	Correct Answers

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Question 1

6.66666 out of 10 points

The transformation at a node in the scene graph can be used to (select all that apply)

- Correct Answers:
- ☒ Allow us to move a part in isolation
 - ☒ Allow us to calculate the absolute position of one node relative to another
 - ☒ Place one node relative to another

Question 2

0 out of 10 points

Isolating the transformations and geometry into separate nodes allows us to:

- Correct Answer: ☒ Cleanly separate how various nodes are drawn

Question 3

6.66666 out of 10 points

The advantages of using a scene graph representation are (select all that apply)

Correct
Answers:

- ✔ It allows us to animate parts of an object as we wish
- ✔ It allows us to conveniently break down transformations for a particular pose
- ✔ It allows us to model a complex objects with parts

Question 4

6.66666 out of 10 points

The process of breaking a composite transformation into simpler ones is related to scene graphs because: (select all that apply)

Correct

Answers:

- ✔ The scene graph allows us to isolate transformations that are applied to nodes
- ✔ The scene graph breaks down the model itself in a way that corresponds to the composite transformation
- ✔ The scene graph arranges a model from whole to part, same as how we think of composite transformations

Saturday, December 15, 2018 1:11:40 AM EST

← OK

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