

Review Test Submission: CST2234-Chapter9QUIZ

User

Course 15F_CST2234_300 Systems Analysis and Design

Test CST2234-Chapter9QUIZ

Started 11/28/15 10:39 PM

Submitted 11/28/15 11:19 PM

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Status Completed

Attempt Score 19 out of 25 points


Time Elapsed 40 minutes


Results Displayed Submitted Answers, Correct Answers

Question 1

1 out of 1 points

The iterator pattern is a ____ pattern.


Selected Answer:  behavioral


Correct Answer:  behavioral

Question 2

1 out of 1 points

A ____ diagram is a type of implementation diagram that shows the physical components across different locations.

Selected Answer:  deployment

Correct Answer:  deployment

Question 3

1 out of 1 points

A message on a sequence diagram, a(n) ____ on a statechart diagram, and a method signature in a design class are very closely related.


Selected Answer:  transition trigger


Correct Answer:  transition trigger

Question 4

1 out of 1 points

A(n) ____ causes a transition trigger to fire.


Selected Answer:  message


Correct Answer:  message

Question 5

1 out of 1 points

_____ patterns provide solutions to problems related to the way internal system processes execute.


Selected Answer:  Behavioral


Correct Answer:  Behavioral

Question 6

1 out of 1 points

The _____ pattern provides a solution in which the class itself controls the creation of only one instance.


Selected Answer:  singleton


Correct Answer:  singleton

Question 7

1 out of 1 points

_____ patterns are patterns that help assign responsibilities to classes to instantiate new objects.


Selected Answer:  Creational

Correct Answer:  Creational

Question 8

1 out of 1 points

A _____ can be thought of as a computer or a bank of computers representing a single computing resource.


Selected Answer:  node

Correct Answer:  node

Question 9

0 out of 1 points

In an observer pattern, the _____ method allows other objects to dynamically register themselves for particular events.

Selected Answer:  notify()

Correct Answer:  addListener()

Question 10

0 out of 1 points

In a statechart, a transition cannot leave and return to the same state.

Selected Answer:  True

Correct Answer:  False

Question 11

1 out of 1 points

Enterprise-level systems almost always use multiple tiers of computers.

Selected Answer:  True

Correct Answer:  True

Question 12

0 out of 1 points

The Internet is a(n) state-based system.

Selected Answer:  True

Correct Answer:  False

Question 13

0 out of 1 points

The singleton pattern was developed to reduce coupling between the domain layer classes and the view layer classes.

Selected Answer:  True

Correct Answer:  False

Question 14

1 out of 1 points

With a statechart, a designer can designate which windows are modal - that must be responded to and closed before the system will respond - in a system.

Selected Answer:  True

Correct Answer:  True

Question 15

1 out of 1 points

If care is not taken, the controller classes can become incoherent, with too many unrelated functions.


Selected Answer:  True

Correct Answer:  True

Question 16

1 out of 1 points

Behavioral patterns provide solutions to meet the architectural needs of the system.

Selected Answer:  False

Correct Answer:  False

Question 17

1 out of 1 points

Regardless of the specific implementation approach, the controller pattern requires a separate, specified class.

Selected Answer:  True

Correct Answer:  True

Question 18

0 out of 1 points

In the book, Elements of Reusable Object-Oriented Software, the authors identify three basic design patterns.


Selected Answer:  True

Correct Answer:  False

Question 19

1 out of 1 points

In a singleton template, all constructors should be specified as public.

Selected Answer:  False


Correct Answer:  False

Question 20

0 out of 1 points

If a class has many observers, there can be a delay in notifying all of them.

Selected Answer:  False


Correct Answer:  True

Question 21

1 out of 1 points

The entire windows event-handling system is based on the ____ pattern.


Selected Answer:  observer


Correct Answer:  observer

Question 22

1 out of 1 points

In a deployment diagram, a component consists of a(n) ____.

Selected Answer:  rectangle with two smaller rectangles protruding from one side

Correct Answer:  rectangle with two smaller rectangles protruding from one side

Question 23

1 out of 1 points


The two primary enterprise platforms, Java and .NET, have developed sets of enterprise patterns.


Selected Answer:  True

Correct Answer:  True

Question 24

Every system requires constant modification and upgrading. 1 out of 1 points


Selected Answer:  True

Correct Answer:  True

Question 25

1 out of 1 points

A sequence diagram usually provides complete information about the internal details of a method.

Selected Answer:  False

Correct Answer:  False

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