 Dashboard / Capgemini - Learning / OOP & UML / OOC and UML / Pre Quiz - OOC & UML

Started on	Tuesday, 20 June 2017, 3:58 PM
State	Finished
Completed on	Tuesday, 20 June 2017, 4:00 PM
Time taken	2 mins 30 secs
Marks	9.00/10.00
Grade	90.00 out of 100.00
Feedback	Congratulations!! You have cleared the Quiz

QUESTION 1

Correct

Mark 1.00 out of 1.00

The customer want's to know the hit ratio of the web portal. Which OO concept would support this

Select one:

- ☐ a. Polymorphism
- ☐ b. Modularity
- ☐ c. Abstraction
- ☒ d. static ✓

Your answer is correct.

The correct answer is: static

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QUESTION 2

Correct

Mark 1.00 out of 1.00

Ram behaves differently depending on the situations. At school he is a student, at home he is a son, in school bus he is a passenger and at super market he is a customer. What oo concept does Ram exhibit

Select one:

- ☐ a. Encapsulation
- ☐ b. Modularity
- ☒ c. Polymorphism ✓
- ☐ d. Hierarchy

Your answer is correct.

The correct answer is: Polymorphism

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QUESTION 3

Incorrect

Mark 0.00 out of 1.00

In the webEx portal, the customers have registered their information. Which Object oriented principle ensures that the customer object is persisted even after the creator of the object ceases to exist

Select one:

- ☐ a. packages
- ☐ b. polymorphism
- ☒ c. abstraction 
- ☐ d. serialization

Your answer is incorrect.

The correct answer is: serialization

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QUESTION 4

Correct

Mark 1.00 out of 1.00

Encapsulation is the concept of

Select one:

- ☒ a. binding data and methods ✓
- ☐ b. exposing relevant information
- ☐ c. creating objects from class
- ☐ d. hiding irrelevant information

Your answer is correct.

The correct answer is: binding data and methods

QUESTION 5

Correct

Mark 1.00 out of 1.00

What is the relation ship between Book and Index of the book

Select one:

- ☐ a. Aggregation
- ☐ b. dependency
- ☒ c. Composition ✓
- ☐ d. Realization
- ☐ e. Association

Your answer is correct.

The correct answer is: Composition

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QUESTION **6**

Correct

Mark 1.00 out of 1.00

A software object's behaviour is exposed through

Select one:

- ☐ a. variables
- ☐ b. Object's creation
- ☒ c. methods ✓
- ☐ d. variables and values

Your answer is correct.

The correct answer is: methods

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QUESTION 7

Correct

Mark 1.00 out of 1.00

Arun is the developer of Allen Software Company. He gets the requirement for which he needs to provide solution. His friend advised him to understand Object oriented concepts and choose a language that support Object oriented concept for implementation. What factors does his friend would have thought in mind that made him advise Arun to opt for a language that supports Object oriented concepts and principles

Select one or more:

- ☐ a. Software is not easy to develop for complex system
- ☒ b. Modularity is achieved ✓
- ☒ c. Software Reusability is less ✗
- ☒ d. Data Abstraction is possible ✓

Your answer is correct.

The correct answer is: Modularity is achieved, Data Abstraction is possible

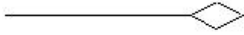
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QUESTION 8

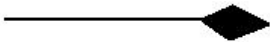
Correct

Mark 1.00 out of 1.00

Match with correct notations



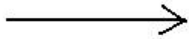
Aggregation ▼



Composition ▼



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Association ▼



Generalization ▼



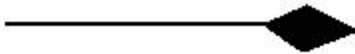
Your answer is correct.

The correct answer is:

+

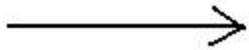


– Aggregation,

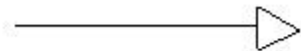


– Composition,

+



– Association,



– Generalization

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