Started on	Tuesday, 14 September 2021, 2:05 PM
State	Finished
Completed on	Tuesday, 14 September 2021, 2:09 PM
Time taken	3 mins 27 secs
Grade	**6.00** out of 6.00 (**100**%)

Question **1**

Correct

Mark 1.00 out of 1.00

Which pattern is this?
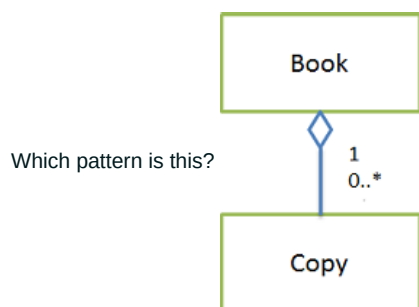
Select one:

- ○ a. Role pattern
- ◉ b. Descriptor-item pattern ✔
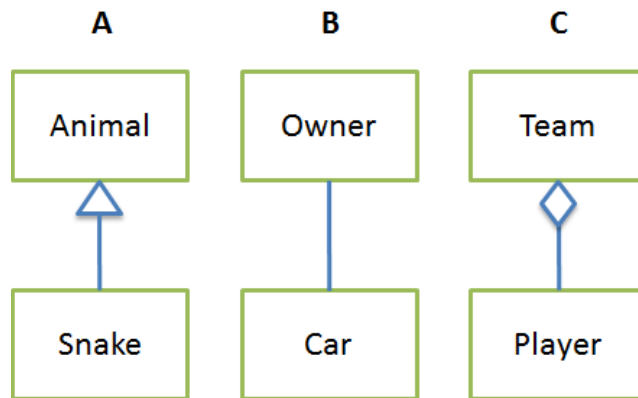- ○ c. Relation pattern
- ○ d. Hierarchy Pattern

The correct answer is: Descriptor-item pattern

Question **2**

Correct

Mark 1.00 out of 1.00

Match the three structures with the diagrams:

A	Generalization	✔
B	Association	✔
C	Aggregation	✔

The correct answer is: A → Generalization, B → Association, C → Aggregation

Question **3**

Correct

Mark 1.00 out of 1.00

Generalization is a structure that expresses that:

Select one or more:

- ☐ a. We have a "consists-of" relation
- ☑ b. Specialized classes inherit properties from a super class ✔
- ☐ c. The problem-domain is divided into smaller subdomains
- ☑ d. We have an "is-a" relation ✔
- ☐ e. We have a "relates" relation

The correct answers are: Specialized classes inherit properties from a super class, We have an "is-a" relation

Question **4**

Correct

Mark 1.00 out of 1.00

The following is/are object structure(s):

Select one or more:

- ☐ a. Generalization
- ☑ b. Aggregation✔
- ☐ c. Event
- ☐ d. Cluster
- ☑ e. Association✔

The correct answers are: Aggregation, Association

Question **5**

Correct

Mark 1.00 out of 1.00

The Role Pattern

Select one or more:

- ☐ a. Relate two parties to each other
- ☑ b. Let's a person change roles dynamically✔
- ☐ c. Is a pattern concerned with behavior
- ☐ d. Describes a whole and an item
- ☑ e. Is a pattern concerned with structure✔

The correct answers are: Let's a person change roles dynamically, Is a pattern concerned with structure

Question **6**

Correct

Mark 1.00 out of 1.00

The following is/are class structure(s):

Select one or more:

- ☑ a. Generalization✔
- ☑ b. Cluster✔
- ☐ c. Aggregation
- ☐ d. Event
- ☐ e. Association

The correct answers are: Cluster, Generalization

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