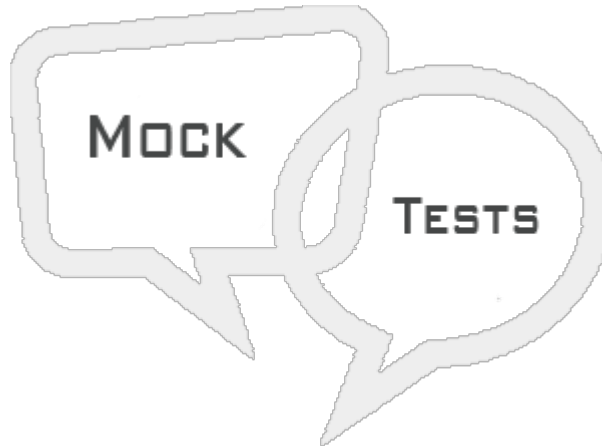


DESIGN PATTERNS MOCK TEST

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This section presents you various set of Mock Tests related to **Design Patterns Framework**. You can download these sample mock tests at your local machine and solve offline at your convenience. Every mock test is supplied with a mock test key to let you verify the final score and grade yourself.



DESIGN PATTERNS MOCK TEST III

Q 1 - Which of the following describes the Null Object pattern correctly?

- A - In this pattern, a class behavior changes based on its state.
- B - In this pattern, a null object replaces check of NULL object instance.
- C - In this pattern, a class behavior or its algorithm can be changed at run time.
- D - In this pattern, an abstract class exposes defined ways/templates to execute its methods.

Q 2 - Which of the following describes the Strategy pattern correctly?

- A - In this pattern, a class behavior changes based on its state.
- B - In this pattern, a null object replaces check of NULL object instance.
- C - In this pattern, a class behavior or its algorithm can be changed at run time.
- D - In this pattern, an abstract class exposes defined ways/templates to execute its methods.

Q 3 - Which of the following describes the Template pattern correctly?

- A - In this pattern, a class behavior changes based on its state.
- B - In this pattern, a null object replaces check of NULL object instance.
- C - In this pattern, a class behavior or its algorithm can be changed at run time.
- D - In this pattern, an abstract class exposes defined ways/templates to execute its methods.

Q 4 - In which of the following pattern, a class behavior changes based on its state?

- A - State Pattern

- B - Null Object Pattern
- C - Strategy Pattern
- D - Template Pattern

Q 5 - In which of the following pattern, a null object replaces check of NULL object instance?

- A - State Pattern
- B - Null Object Pattern
- C - Strategy Pattern
- D - Template Pattern

Q 6 - In which of the following pattern, a class behavior or its algorithm can be changed at run time?

- A - State Pattern
- B - Null Object Pattern
- C - Strategy Pattern
- D - Template Pattern

Q 7 - In which of the following pattern, an abstract class exposes defined ways /templates to execute its methods?

- A - State Pattern
- B - Null Object Pattern
- C - Strategy Pattern
- D - Template Pattern

Q 8 - Which of the following describes the Visitor pattern correctly?

- A - In this pattern, a visitor class is used which changes the executing algorithm of an element class.
- B - This pattern is used to separate application's concerns.
- C - This pattern is used to decouple presentation tier and business tier.
- D - This pattern is used in EJB persistence mechanism.

Q 9 - Which of the following describes the MVC pattern correctly?

- A - In this pattern, a visitor class is used which changes the executing algorithm of an element class.
- B - This pattern is used to separate application's concerns.
- C - This pattern is used to decouple presentation tier and business tier.

D - This pattern is used in EJB persistence mechanism.

Q 10 - Which of the following describes the Business Delegate pattern correctly?

A - In this pattern, a visitor class is used which changes the executing algorithm of an element class.

B - This pattern is used to separate application's concerns.

C - This pattern is used to decouple presentation tier and business tier.

D - This pattern is used in EJB persistence mechanism.

Q 11 - Which of the following describes the Composite Entity pattern correctly?

A - In this pattern, a visitor class is used which changes the executing algorithm of an element class.

B - This pattern is used to separate application's concerns.

C - This pattern is used to decouple presentation tier and business tier.

D - This pattern is used in EJB persistence mechanism.

Q 12 - In which of the following pattern, a visitor class is used which changes the executing algorithm of an element class?

A - Visitor Pattern

B - MVC Pattern

C - Business Delegate Pattern

D - Composite Entity Pattern

Q 13 - Which of the following pattern is used to separate application's concerns?

A - Visitor Pattern

B - MVC Pattern

C - Business Delegate Pattern

D - Composite Entity Pattern

Q 14 - Which of the following pattern is used to to decouple presentation tier and business tier?

A - Visitor Pattern

B - MVC Pattern

C - Business Delegate Pattern

D - Composite Entity Pattern

Q 15 - Which of the following pattern is used in EJB persistence mechanism?

- A - Visitor Pattern
- B - MVC Pattern
- C - Business Delegate Pattern
- D - Composite Entity Pattern

Q 16 - Which of the following describes the DAO pattern correctly?

- A - This pattern is used to separate low level data accessing API or operations from high level business services.
- B - This pattern is used to provide a centralized request handling mechanism so that all requests will be handled by a single handler.
- C - This pattern is used when we want to do some pre-processing / post-processing with request or response of the application.
- D - This pattern is used when we want to locate various services using JNDI lookup.

Q 17 - Which of the following describes the Front Controller pattern correctly?

- A - This pattern is used to separate low level data accessing API or operations from high level business services.
- B - This pattern is used to provide a centralized request handling mechanism so that all requests will be handled by a single handler.
- C - This pattern is used when we want to do some pre-processing / post-processing with request or response of the application.
- D - This pattern is used when we want to locate various services using JNDI lookup.

Q 18 - Which of the following describes the Intercepting pattern correctly?

- A - This pattern is used to separate low level data accessing API or operations from high level business services.
- B - This pattern is used to provide a centralized request handling mechanism so that all requests will be handled by a single handler.
- C - This pattern is used when we want to do some pre-processing / post-processing with request or response of the application.
- D - This pattern is used when we want to locate various services using JNDI lookup.

Q 19 - Which of the following describes the Service Locator pattern correctly?

- A - This pattern is used to separate low level data accessing API or operations from high level business services.
- B - This pattern is used to provide a centralized request handling mechanism so that all requests will be handled by a single handler.
- C - This pattern is used when we want to do some pre-processing / post-processing with request or response of the application.
- D - This pattern is used when we want to locate various services using JNDI lookup.

Q 20 - Which of the following pattern is used to separate low level data accessing API or operations from high level business services?

- A - DAO Pattern
- B - Front Controller Pattern
- C - Intercepting Pattern
- D - Service Locator Pattern

Q 21 - Which of the following pattern is used to provide a centralized request handling mechanism so that all requests will be handled by a single handler?

- A - DAO Pattern
- B - Front Controller Pattern
- C - Intercepting Pattern
- D - Service Locator Pattern

Q 22 - Which of the following pattern is used when we want to do some pre-processing / post-processing with request or response of the application?

- A - DAO Pattern
- B - Front Controller Pattern
- C - Intercepting Pattern
- D - Service Locator Pattern

Q 23 - Which of the following pattern is used when we want to locate various services using JNDI lookup?

- A - DAO Pattern
- B - Front Controller Pattern
- C - Intercepting Pattern
- D - Service Locator Pattern

Q 24 - Which of the following describes the Factory pattern correctly?

- A - This pattern creates object without exposing the creation logic to the client and refer to newly created object using a common interface.
- B - In this pattern an interface is responsible for creating a factory of related objects without explicitly specifying their classes.
- C - This pattern involves a single class which is responsible to create an object while making sure that only single object gets created.
- D - This pattern is used when we want to pass data with multiple attributes in one shot from client to server.

Q 25 - Which of the following describes the Abstract Factory pattern correctly?

A - This pattern creates object without exposing the creation logic to the client and refer to newly created object using a common interface.

B - In this pattern an interface is responsible for creating a factory of related objects without explicitly specifying their classes.

C - This pattern involves a single class which is responsible to create an object while making sure that only single object gets created.

D - This pattern is used when we want to pass data with multiple attributes in one shot from client to server.

ANSWER SHEET

Question Number	Answer Key
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1	B
2	C
3	D
4	A
5	B
6	C
7	D
8	A
9	B
10	C
11	D
12	A
13	B
14	C
15	D
16	A
17	B
18	C
19	D
20	A
21	B
22	C
23	D
24	A

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