Q 1 - Which of the following is correct about Creational design patterns.

A - These design patterns are specifically concerned with communication between objects.

B - These design patterns provide a way to create objects while hiding the creation logic, rather than instantiating objects directly using new opreator.

C - These design patterns concern class and object composition. Concept of inheritance is used to compose interfaces and define ways to compose objects to obtain new functionalities.

D - None of the above.

Q 2 - Integer.valueOf is an example of Factory pattern.

A - false

B - true

Q 3 - Which of the following pattern builds a complex object using simple objects and using a step by step approach?

A - Builder Pattern

B - Bridge Pattern

C - Adapter Pattern

D - Filter Pattern

Q 4 - Which of the following pattern creates a chain of receiver objects for a request?

A - Proxy Pattern

B - Chain of Responsibility Pattern

C - Command Pattern

D - Interpreter Pattern

Q 5 - Which of the following describes the Mediator pattern correctly?

A - This pattern is used to get a way to access the elements of a collection object in sequential manner without any need to know its underlying representation.

B - This pattern is used to reduce communication complexity between multiple objects or classes.

C - This pattern is used to restore state of an object to a previous state.

D - This pattern is used when there is one-to-many relationship between objects such as if one object is modified, its depenedent objects are to be notified automatically.

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 - 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 8 - Which of the following pattern creates object without exposing the creation logic to the client and refer to newly created object using a common interface?

A - Factory Pattern

B - Abstract Factory Pattern

C - Singleton Pattern

D - Transfer Object Pattern

Q 9 - Which of the following pattern is used when we want to pass data with multiple attributes in one shot from client to server?

A - Factory Pattern

B - Abstract Factory Pattern

C - Singleton Pattern

D - Transfer Object Pattern

Q 10 - Which of the following is the correct list of entities of Composite Entity pattern?

A - Composite Entity, Coarse-Grained Object, Strategies

B - Composite Entity, Dependent Object, Strategies

C - Composite Entity, Coarse-Grained Object, Dependent Object, Strategies

D - Composite Entity, Coarse-Grained Object, Dependent Object

Q 1 - Which of the following describes the Singleton 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 2 - Which of the following describes the Transfer Object 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 3 - Which of the following pattern creates object without exposing the creation logic to the client and refer to newly created object using a common interface?

A - Factory Pattern

B - Abstract Factory Pattern

C - Singleton Pattern

D - Transfer Object Pattern

Q 4 - In which of the following pattern an interface is responsible for creating a factory of related objects without explicitly specifying their classes?

A - Factory Pattern

B - Abstract Factory Pattern

C - Singleton Pattern

D - Transfer Object Pattern

Q 5 - Which of the following pattern involves a single class which is responsible to create an object while making sure that only single object gets created?

A - Factory Pattern

B - Abstract Factory Pattern

C - Singleton Pattern

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Q 6 - Which of the following pattern is used when we want to pass data with multiple attributes in one shot from client to server?

A - Factory Pattern

B - Abstract Factory Pattern

C - Singleton Pattern

D - Transfer Object Pattern

Q 7 - Which of the following pattern is used when we want to pass data with multiple attributes in one shot from client to server?

A - Factory Pattern

B - Abstract Factory Pattern

C - Singleton Pattern

D - Transfer Object Pattern

Q 8 - Which type of design patterns provide a way to create objects while hiding the creation logic, rather than instantiating objects directly using new opreator?

A - Creational Design Patterns

B - Structural Design Patterns
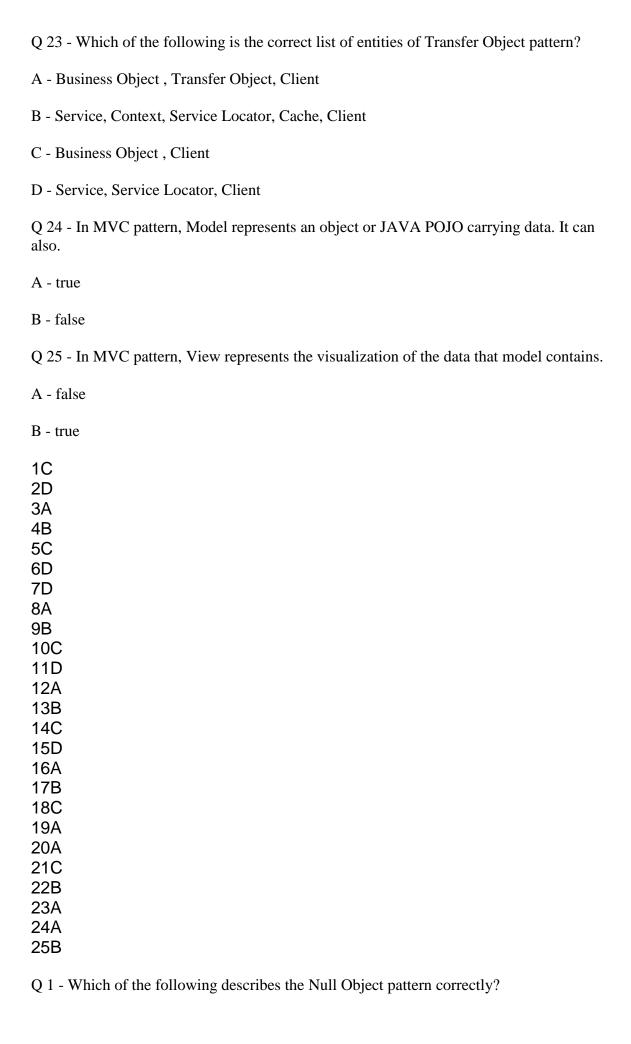
C - Behavioral Design Pattern

D - J2EE Design Patterns

Q 9 - Which type of design patterns concern class and object composition?

A - Creational Design Patterns

B - Structural Design Patterns

C - Behavioral Design Pattern

D - J2EE Design Patterns

Q 10 - Which type of design patterns are specifically concerned with communication between objects?

A - Creational Design Patterns

B - Structural Design Patterns

C - Behavioral Design Pattern

D - J2EE Design Patterns

Q 11 - Which type of design patterns are specifically concerned with the presentation tier?

A - Creational Design Patterns

B - Structural Design Patterns

C - Behavioral Design Pattern

D - J2EE Design Patterns

Q 12 - Which of the following describes the Creational pattern correctly?

A - This type of patterns provide a way to create objects while hiding the creation logic, rather than instantiating objects directly using new opreator

B - This type of patterns concern class and object composition. Concept of inheritance is used to compose interfaces and define ways to compose objects to obtain new functionalities.

C - This type of pattern are specifically concerned with communication between objects.

D - This type of pattern are specifically concerned with the presentation tier.

Q 13 - Which of the following describes the Structural pattern correctly?

A - This type of patterns provide a way to create objects while hiding the creation logic, rather than instantiating objects directly using new opreator

B - This type of patterns concern class and object composition. Concept of inheritance is used to compose interfaces and define ways to compose objects to obtain new functionalities.

C - This type of pattern are specifically concerned with communication between objects.

D - This type of pattern are specifically concerned with the presentation tier.

Q 14 - Which of the following describes the Behavioral pattern correctly?

A - This type of patterns provide a way to create objects while hiding the creation logic, rather than instantiating objects directly using new opreator

B - This type of patterns concern class and object composition. Concept of inheritance is used to compose interfaces and define ways to compose objects to obtain new functionalities.

C - This type of pattern are specifically concerned with communication between objects.

D - This type of pattern are specifically concerned with the presentation tier.

Q 15 - Which of the following describes the J2EE pattern correctly?

A - This type of patterns provide a way to create objects while hiding the creation logic, rather than instantiating objects directly using new opreator

B - This type of patterns concern class and object composition. Concept of inheritance is used to compose interfaces and define ways to compose objects to obtain new functionalities.

C - This type of pattern are specifically concerned with communication between objects.

D - This type of pattern are specifically concerned with the presentation tier.

Q 16 - Which of the following is the correct list of entities of MVC pattern?

A - Model, View, Controller

B - Model, Viewer, Control

C - Middle, Viewer, Controller

D - Model, View, Control

Q 17 - Which of the following is the correct list of entities of Business Delegate pattern?

A - Business Delegate, LookUp Service, Business Service

B - Client, Business Delegate, LookUp Service, Business Service

C - Client, LookUp Service, Business Service

D - Client, Business Delegate, Business Service

Q 18 - Which of the following is the correct list of entities of Composite Entity pattern?

A - Composite Entity, Coarse-Grained Object, Strategies

B - Composite Entity, Dependent Object, Strategies

C - Composite Entity, Coarse-Grained Object, Dependent Object, Strategies

D - Composite Entity, Coarse-Grained Object, Dependent Object

Q 19 - Which of the following is the correct list of entities of DAO pattern?

A - Data Access Object Interface, Data Access Object concrete class, Model Object or Value Object

B - Data Access Object Interface, Model Object or Value Object

C - Data Access Object Interface, Data Access Object concrete class

D - Data Access Object concrete class, Model Object or Value Object

Q 20 - Which of the following is the correct list of entities of Front Controller pattern?

A - Front Controller, Dispatcher, View

B - Front Controller, Dispatcher

C - Controller, Dispatcher, View

D - Front Controller, View

Q 21 - Which of the following is the correct list of entities of Intercepting pattern?

A - Filter, Filter Chain, Target, Client

B - Filter, Target, Filter Manager, Client

C - Filter, Filter Chain, Target, Filter Manager, Client

D - Filter, Filter Chain, Filter Manager, Client

Q 22 - Which of the following is the correct list of entities of Service Locator pattern?

A - Service, Context, Cache, Client

B - Service, Context, Service Locator, Cache, Client

C - Service, Context, Service Locator, Cache, Client

D - Service, Service Locator, Client

Q 23 - Which of the following is the correct list of entities of Transfer Object pattern?

A - Business Object , Transfer Object, Client

B - Service, Context, Service Locator, Cache, Client

C - Business Object , Client

D - Service, Service Locator, Client

Q 24 - In MVC pattern, Model represents an object or JAVA POJO carrying data. It can also.

A - true

B - false

Q 25 - In MVC pattern, View represents the visualization of the data that model contains.

A - false

B - true

1C
2D
3A
4B
5C
6D
7D
8A
9B
10C
11D
12A
13B
14C
15D
16A
17B
18C
19A
20A
21C
22B
23A
24A
25B

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 way(s)/template(s) 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 way(s)/template(s) 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 way(s)/template(s) 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 way(s)/template(s) 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.

1B
2C
3D
4A
5B
6C
7D
8A
9B
10C
11D
12A
13B
14C
15D
16A
17B
18C
19D
20A
21B
22C
23D
24A
25B