

| Sr. No. | Question | Answer |
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| 1 | Correct about Structural design patterns is | 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. |
| 2 | Choose one of the following pattern which is used when creation of object directly is costly | c) Prototype Pattern |
| 3 | Choose from the patterns given below that hides the complexities of the system and provides an interface to the client using which the client can access the system | b) Facade Pattern |
| 4 | Choose one of the following which is correct for Observer pattern | d) This pattern is used when there is one-to-many relationship between objects such as if one object is modified, its dependent objects are to be notified automatically. |
| 5 | Choose correct statement Business Delegate pattern from the following | c) This pattern is used to decouple presentation tier and business tier. |
| 6 | Choose one of the following correct statement for Composite Entity pattern | d) This pattern is used in EJB persistence mechanism. |
| 7 | In which of the following pattern, a class behavior changes based on its state | a) State Pattern |
| 8 | Pattern is used to provide a centralized request handling mechanism so that all requests will be handled by a single handler | b) Front Controller Pattern |
| 9 | Type of design patterns are specifically concerned with the presentation tier | d) J2EE Design Patterns |
| 10 | Choose from the below options, pattern refers to creating duplicate object while keeping performance in mind | c) Prototype Pattern |
| 11 | Skeleton of an algorithm in an operation, deferring some steps to subclasses. It lets subclasses redefine certain steps of an algorithm without changing the algorithm structure. | b) Template method |
| 12 | Pattern provides a single class which provides simplified methods required by client and delegates call to those methods | c) Facade pattern |
| 13 | In which of the following pattern, a visitor class is used which changes the executing algorithm of an element class | a) Visitor Pattern |
| 14 | Chooses and standardizes patterns for a problem domain promotes software reuse and hence improving quality and productivity | d) Supporting Software Reuse |
| 15 | Attaches additional responsibilities to an object dynamically. It provides a flexible alternative to subclassing for extending functionality | c) Decorator |
| 16 | Choose the following design patterns that suggest multiple classes through which request is passed but only relevant classes carry out operations on the request | b) Chain of responsibility pattern |
| 17 | Most user interface design patterns fall within one of ____ categories of patterns. | b) 10 |
| 18 | Choose the correct option from the following | a) They delegate activities to other portions of the sub-system to which they provide an interface |
| 19 | Choose the below answer of the following iterator pattern correct | c) The objects are coupled only to the mediator, which contains all the code for coordinating the collaboration |
| 20 | Choose one of the pattern in which all the classes coupling is reduced | b) Facade |
| 21 | Choose from the following for Facade Pattern | b) The object directs the collaboration, with all communication going between it and the colleagues in the interaction |
| 22 | Represents The (static) structure and (dynamic) behavior of the pattern | d) Form |
| 23 | Patterns are important why | c) All of the mentioned |
| 24 | Choose one benefit that patterns provide | c) All of the mentioned |

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| 25 | Choose the benefit that patterns provide | d) All of the mentioned |
| 26 | Choose the below answer among the following are the arguments made by Alexander | d) All of the mentioned |
| 27 | Choose the below answer of these are the part of 253 patterns in pattern book by Alexander | d) All of the mentioned |
| 28 | Pattern is | c) All of the mentioned |
| 29 | Choose the below answer among these are the design patterns | d) All of the mentioned |
| 30 | Design pattern focus on the design patterns movement | d) Programming Idioms |
| 31 | Choose one of the following patterns allows an object to notify interested listeners of changes to its state | d) Observer |
| 32 | An organisation strategy --- | b) Generally forms over a period of time as events unfold |
| 33 | The primary focus of strategic management is | b) The total organisation |
| 34 | The corporate level is where top management directs | c) Overall strategy for the entire organization |
| 35 | Choose which mechanism is applied to use a design pattern in an OO system | c) All of the mentioned |
| 36 | The use of design patterns for the development of object-oriented software has important implications for | c) All of the mentioned |
| 37 | Choose one of the following is a design pattern | d) Abstract Factory |
| 38 | If You want to minimize development cost by reusing methods which design pattern would you choose | a) Adapter Pattern |
| 39 | If you want to avoid multiple inheritance. Which design pattern would you choose | b) Player-Role Pattern |
| 40 | Pattern prevents one from creating more than one instance of a variable | b) Singleton |
| 41 | Design pattern defines one-to-many dependency among objects | c) Observer pattern |
| 42 | In factory method pattern, the framework must instantiate classes but it only knows about the abstract classes, which it cannot initiate. How would one solve this problem | a) encapsulating the knowledge of which document subclass to is to be created and b) moving this knowledge out of the framework |
| 43 | Any class using the built-in cloning mechanism is supposed to do which of the following | d) All of the mentioned |
| 44 | Choose one of the following are correct for copy constructor | a) A copy constructor is a constructor that takes an instance of its class as an argument and creates a clone of its argument |
| 45 | Choose one of the following pattern has Step up phase as its activity | c) Command pattern |
| 46 | Elaborate happen in the operational phase of Reactor pattern | b) The Reactor responds to event notifications from the Target |
| 47 | The reactor patterns provide a good model for event-driven portions of a program for which of the following reasons | d) All of the mentioned |
| 48 | Choose one of the following are consequences for command pattern | b) They decouple clients and targets |
| 49 | Choose which is the advantages for Function Class | c) All of the mentioned |