

Code No: 58063

Set No. 1

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

IV B.Tech. II Sem., II Mid-Term Examinations, April-2014

DESIGN PATTERNS

Objective Exam

Name: \_\_\_\_\_ Hall Ticket No.

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Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

**I. Choose the correct alternative:**

1. \_\_\_\_\_ can be used to apply an operation structure defined by composite pattern. [     ]  
A) Visitor                      B) template      C) state                      D) strategy
2. A \_\_\_\_\_ is responsible for controlling and coordinating the interactions of a group of objects [     ]  
A) dialog director                      B) mediator                      C) font dialog                      D) widget
3. \_\_\_\_\_ contains information that's global to interpreter [     ]  
A) client                      B) context                      C) terminal expression                      D) non-terminal expression
4. Provide a place holder for access to it [     ]  
A) token                      B) surrogate                      C) wrapper                      D) cursor
5. Rate the construction of a complex object from its representation so that the same construction process can create different representations. [     ]  
A) Builder                      B) Abstract factory                      C) Singleton                      D) Prototype
6. \_\_\_\_\_ patterns use object composition rather than inheritance [     ]  
A) creational                      B) structural                      C) behavioral                      D) A AND B
7. The set of objects that can handle a request should be specified \_\_\_\_\_ [     ]  
A) explicitly                      B) statistically                      C) dynamically                      D) none
8. \_\_\_\_\_ developed pattern language [     ]  
A) Christopher Alexander                      B) Donald knuth                      C) james                      D) Anderson
9. Design patterns are useful in tuning an analysis model into \_\_\_\_\_ model. [     ]  
A) implementation                      B) design                      C) analysis                      D) Object oriented
10. \_\_\_\_\_ are big help in creation without sophisticated tools [     ]  
A) patterns                      B) existing methods                      C) hypertext documents                      D) frame works

Cont.....2

**II Fill in the Blanks:**

11. \_\_\_\_\_method redefine certain steps of an algorithm without changing the algorithm structure.
12. Strategy pattern also known as\_\_\_\_\_.
13. A memento is an object that stores a snapshot of the internal \_\_\_\_\_ of another object.
14. Iterator defines an \_\_\_\_\_for accessing and traversing elements.
15. \_\_\_\_\_asks the command to carry out the request.
16. \_\_\_\_\_defines an interface for executing an operation.
17. \_\_\_\_\_object takes responsibility for handling it.
18. Alexander gives an \_\_\_\_\_ in which his patterns be use.
19. Using patterns early in life cycle of a design prevents later \_\_\_\_\_.
20. Finding patterns is much easier than \_\_\_\_\_ them.

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Set No. 2

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

IV B.Tech. II Sem., II Mid-Term Examinations, April-2014

DESIGN PATTERNS

Objective Exam

Name: \_\_\_\_\_ Hall Ticket No.

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Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

**I. Choose the correct alternative:**

1. Provide a place holder for access to it [      ]  
A) token      B) surrogate      C) wrapper      D) cursor
2. Rate the construction of a complex object from its representation so that the same construction process can create different representations. [      ]  
A) Builder      B) Abstract factory      C) Singleton      D) Prototype
3. \_\_\_\_\_ patterns use object composition rather than inheritance [      ]  
A) creational      B) structural      C) behavioral      D) A AND B
4. The set of objects that can handle a request should be specified \_\_\_\_\_ [      ]  
A) explicitly      B) statistically      C) dynamically      D) none
5. \_\_\_\_\_ developed pattern language [      ]  
A) Christopher Alexander      B) Donald knuth      C) james      D) Anderson
6. Design patterns are useful in tuning an analysis model into \_\_\_\_\_ model. [      ]  
A) implementation      B) design      C) analysis      D) Object oriented
7. \_\_\_\_\_ are big help in creation without sophisticated tools [      ]  
A) patterns      B) existing methods      C) hypertext documents      D) frame works
8. \_\_\_\_\_ can be used to apply an operation structure defined by composite pattern. [      ]  
A) Visitor      B) template      C) state      D) strategy
9. A \_\_\_\_\_ is responsible for controlling and coordinating the interactions of a group of objects [      ]  
A) dialog director      B) mediator      C) font dialog      D) widget
10. \_\_\_\_\_ contains information that's global to interpreter [      ]  
A) client      B) context      C) terminal expression      D) non- terminal expression

Cont.....2

**II Fill in the Blanks:**

11. Iterator defines an \_\_\_\_\_ for accessing and traversing elements.
12. \_\_\_\_\_ asks the command to carry out the request.
13. \_\_\_\_\_ defines an interface for executing an operation.
14. \_\_\_\_\_ object takes responsibility for handling it.
15. Alexander gives an \_\_\_\_\_ in which his patterns be use.
16. Using patterns early in life cycle of a design prevents later \_\_\_\_\_.
17. Finding patterns is much easier than \_\_\_\_\_ them.
18. \_\_\_\_\_ method redefine certain steps of an algorithm without changing the algorithm structure.
19. Strategy pattern also known as \_\_\_\_\_.
20. A memento is an object that stores a snapshot of the internal \_\_\_\_\_ of another object.

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Code No: 58063

Set No. 3

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

IV B.Tech. II Sem., II Mid-Term Examinations, April-2014

DESIGN PATTERNS

Objective Exam

Name: \_\_\_\_\_ Hall Ticket No.

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Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

**I. Choose the correct alternative:**

1. \_\_\_\_\_ patterns use object composition rather than inheritance [     ]  
A)creational                      B)structural                      C)behavioral                      D)A AND B
2. The set of objects that can handle a request should be specified \_\_\_\_\_ [     ]  
A) explicitly                      B) statistically                      C) dynamically                      D) none
3. \_\_\_\_\_ developed pattern language [     ]  
A) Christopher Alexander                      B) Donald knuth                      C) james                      D)Anderson
4. Design patterns are useful in tuning an analysis model into \_\_\_\_\_ model. [     ]  
A)implementation                      B)design                      C)analysis                      D)Object oriented
5. \_\_\_\_\_ are big help in creation without sophisticated tools [     ]  
A)patterns                      B)existing methods                      C)hypertext documents                      D)frame works
6. \_\_\_\_\_ can be used to apply an operation structure defined by composite pattern. [     ]  
A) Visitor                      B) template                      C) state                      D) strategy
7. A \_\_\_\_\_ is responsible for controlling and coordinating the interactions of a group of objects [     ]  
A) dialog director                      B)mediator                      C)font dialog                      D)widget
8. \_\_\_\_\_ contains information that's global to interpreter [     ]  
A) client                      B) context                      C) terminal expression                      D)non- terminal expression
9. Provide a place holder for access to it [     ]  
A) token                      B)surrogate                      C) wrapper                      D)cursor
10. Rate the construction of a complex object from its representation so that the same construction process can create different representations. [     ]  
A) Builder                      B) Abstract factory                      C) Singleton                      D) Prototype

Cont.....2

**II Fill in the Blanks:**

11. \_\_\_\_\_ defines an interface for executing an operation.
12. \_\_\_\_\_ object takes responsibility for handling it.
13. Alexander gives an \_\_\_\_\_ in which his patterns be use.
14. Using patterns early in life cycle of a design prevents later \_\_\_\_\_.
15. Finding patterns is much easier than \_\_\_\_\_ them.
16. \_\_\_\_\_ method redefine certain steps of an algorithm without changing the algorithm structure.
17. Strategy pattern also known as \_\_\_\_\_.
18. A memento is an object that stores a snapshot of the internal \_\_\_\_\_ of another object.
19. Iterator defines an \_\_\_\_\_ for accessing and traversing elements.
20. \_\_\_\_\_ asks the command to carry out the request.

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Code No: 58063

Set No. 4

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

IV B.Tech. II Sem., II Mid-Term Examinations, April-2014

DESIGN PATTERNS

Objective Exam

Name: \_\_\_\_\_ Hall Ticket No.

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Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

**I. Choose the correct alternative:**

1. \_\_\_\_\_ developed pattern language [     ]  
A) Christopher Alexander     B) Donald knuth     C) james     D)Anderson
2. Design patterns are useful in tuning an analysis model into \_\_\_\_\_ model. [     ]  
A)implementation     B)design     C)analysis     D)Object oriented
3. \_\_\_\_\_ are big help in creation without sophisticated tools [     ]  
A)patterns     B)existing methods     C)hypertext documents     D)frame works
4. \_\_\_\_\_ can be used to apply an operation structure defined by composite pattern. [     ]  
A) Visitor     B) template     C) state     D) strategy
5. A \_\_\_\_\_ is responsible for controlling and coordinating the interactions of a group of objects [     ]  
A) dialog director     B)mediator     C)font dialog     D)widget
6. \_\_\_\_\_ contains information that's global to interpreter [     ]  
A) client     B) context     C) terminal expression     D)non- terminal expression
7. Provide a place holder for access to it [     ]  
A) token     B)surrogate     C) wrapper     D)cursor
8. Rate the construction of a complex object from its representation so that the same construction process can create different representations. [     ]  
A) Builder     B) Abstract factory     C) Singleton     D) Prototype
9. \_\_\_\_\_ patterns use object composition rather than inheritance [     ]  
A)creational     B)structural     C)behavioral     D)A AND B
10. The set of objects that can handle a request should be specified \_\_\_\_\_ [     ]  
A) explicitly     B) statistically     C) dynamically     D) none

Cont.....2

**II Fill in the Blanks:**

11. Alexander gives an \_\_\_\_\_ in which his patterns be use.
12. Using patterns early in life cycle of a design prevents later \_\_\_\_\_.
13. Finding patterns is much easier than \_\_\_\_\_ them.
14. \_\_\_\_\_ method redefine certain steps of an algorithm without changing the algorithm structure.
15. Strategy pattern also known as\_\_\_\_\_.
16. A memento is an object that stores a snapshot of the internal \_\_\_\_\_ of another object.
17. Iterator defines an \_\_\_\_\_ for accessing and traversing elements.
18. \_\_\_\_\_ asks the command to carry out the request.
19. \_\_\_\_\_ defines an interface for executing an operation.
20. \_\_\_\_\_ object takes responsibility for handling it.

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