

CS506 WEB DESIGN AND DEVELOPMENT

Which of the following feature provide facility for multiple inheritance:-

1. Adapter Classes
2. Wrapper Classes
- 3. Interface**
4. Collection

Question # 2 of 10

The relationship between class and interface is called _____

1. 'Is a' relationship
2. 'Has a' relationship
- 3. 'Responds to' relationship**
4. None of the given options

Question # 3 of 10

Which of the following function will be used to register event handler with events generator (button)?

1. addAction()
2. addListener()
- 3. addActionListener()**
4. Register eventhandler()

Question # 4 of 10

The collection API are defined in _____ package?

1. Java.io
2. Java.util
- 3. Java.sql**
4. Java.awt

Question # 5 of 10

Which of the following is true about abstract class?

1. An abstract class must have all methods declared as abstract methods.
2. A class must have at least one abstract method to be an abstract class.

3. A class without any abstract method can be declared as abstract class.

4. An instance of abstract class can be created.

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Question # 6 of 10

Exceptions must be handled while handling files otherwise it may lead to_____?

1. Logical error
2. Syntax error
3. No error

4. Run time error

Question # 7 of 10

Which of the following stream is a filter stream?

1. BufferedReader

2. FileWriter
3. FileReader
4. All of given options

Question # 8 of 10

CREATE, ALTER, DROP are _____ SQL statements.

1. DML

2. DDL
3. DCL
4. None of above

Question # 9 of 10

Which of the following statement object is used to execute stored procedures?

1. Statement
2. PreparedStatement
- 3. CallableStatement**
4. None of given options

Question # 10 of 10

Based on functionality, the streams can be categorized as

-
1. Byte oriented streams and Node Streams
 2. Filter stream and Character oriented stream
 - 3. Node stream and Filter stream**
 4. Byte oriented stream and Character oriented stream

Which of the following syntax is used to attach an input stream to console?

Which of the following method is used to execute INSERT, UPDATE and Delete SQL statements?

The classes which contain the word _____ are byte oriented streams.
Writer

The relationship between class and interface is called _____
'Is a' relationship

Which of the following stream read/write data in the form of bytes?
FileInputStream,

Which of the following stream is a Node stream?

PrintWriter
BufferedReader
FileWriter

If a class needs to handle events generated by button then which of the following interface a class needs to implement?

ActionListener

Top of Form

Quiz Start Time: 01:18 PM

Time Left

6
sec(s)

Question # 1 of 10 (Start time: 01:18:30 PM)

Total Marks: 1

Which of the following belongs to a category of checked exception?

Select correct option:

Null Pointer exception

IOException

Array index out of bounds

NumberFormatException

Quiz Start Time: 01:18 PM

Time Left

23
sec(s)

Question # 2 of 10 (Start time: 01:19:57 PM)

Total Marks: 1

Which of the following is called “pure abstract class”?

Select correct option:

Concrete class

Wrapper class

Interface

Abstract class with no abstract method

Quiz Start Time: 01:18 PM

Time Left

85
sec(s)

Question # 3 of 10 (Start time: 01:21:16 PM)

Total Marks: 1

An instance of abstract class cannot be created.

Select correct option:

True

False

Quiz Start Time: 01:18 PM

Time Left

90
sec(s)

Question # 4 of 10 (Start time: 01:21:29 PM)

Total Marks: 1

Which of the following is used for inheritance in java?

Select correct option:

implements

extends

:(colon)

inherit

Quiz Start Time: 01:18 PM

Time Left

89
sec(s)

Question # 5 of 10 (Start time: 01:21:43 PM)

Total Marks: 1

Which of the following package needs to import while interacting with relational database?

Select correct option:

[java.io](#)

java.sql

javax.swing

java.awt

Quiz Start Time: 01:18 PM

Time Left

89
sec(s)

Question # 6 of 10 (Start time: 01:22:03 PM)

Total Marks: 1

Window, frame and dialog use _____ as their default layout.

Select correct option:

Border layout

Flow layout

GridBag layout

Grid layout

Quiz Start Time: 01:18 PM

Time Left

21
sec(s)

Question # 7 of 10 (Start time: 01:22:26 PM)

Total Marks: 1

A collection can store _____

Select correct option:

Homogenous objects

Heterogeneous objects

Objects as well as primitive values

At most 100 objects

Quiz Start Time: 01:18 PM

Time Left

89
sec(s)

Question # 8 of 10 (Start time: 01:23:46 PM)

Total Marks: 1

Which of the following is a general purpose container?

Select correct option:

JFrame

Dialog

JPanel

JApplet

Quiz Start Time: 01:18 PM

Time Left

89
sec(s)

Question # 9 of 10 (Start time: 01:24:33 PM)

Total Marks: 1

Overloading is _____ whereas overriding is _____

Select correct option:

Run time binding, compile time binding

Late binding, compile time binding

Compile time binding, run time binding

Run time binding, late time binding

Quiz Start Time: 01:18 PM

Time Left

89

sec(s)

Question # 10 of 10 (Start time: 01:25:46 PM)

Total Marks: 1

The relationship between class and interface is called _____

Select correct option:

'Is a' relationship

'Has a' relationship

'Responds to' relationship

None of the given options

Bottom of Form

Top of Form

Quiz Start Time: 01:30 PM

Time Left

90
sec(s)

Question # 1 of 10 (Start time: 01:30:04 PM)

Total Marks: 1

HahMap takes key as a/an _____

Select correct option:

Object

Array

Primitive value

Function

Quiz Start Time: 01:30 PM

Time Left

89
sec(s)

Question # 2 of 10 (Start time: 01:31:34 PM)

Total Marks: 1

Which of the following statement object is used to execute stored procedures?

Select correct option:

Statement

PreparedStatement

CallableStatement

None of given options

Quiz Start Time: 01:30 PM

Time Left

89

sec(s)

Question # 3 of 10 (Start time: 01:32:46 PM)

Total Marks: 1

Mouse events can be trapped for _____ GUI component.

Select correct option:

JPanel

JFrame

JButton

All of given

Quiz Start Time: 01:30 PM

Time Left

89
sec(s)

Question # 4 of 10 (Start time: 01:33:30 PM)

Total Marks: 1

Which of the following stream read/write data in the form of bytes?

Select correct option:

FileReader

FileWriter

PrintWriter

FileInputStream

Quiz Start Time: 01:30 PM

Time Left

89
sec(s)

Question # 5 of 10 (Start time: 01:34:13 PM)

Total Marks: 1

Which of the following method is used to execute INSERT, UPDATE and Delete SQL statements?

Select correct option:

`executeQuery(sql);`

`ExecuteQuery(sql);`

`executeUpdate(sql);`

`ExecuteUpdate(sql);`

Quiz Start Time: 01:30 PM

Time Left

82
sec(s)

Question # 6 of 10 (Start time: 01:34:36 PM)

Total Marks: 1

Which of the following is true about abstract class?

Select correct option:

An abstract class must have all methods declared as abstract methods.

A class must have at least one abstract method to be an abstract class.

A class without any abstract method can be declared as abstract class.

An instance of abstract class can be created.

Quiz Start Time: 01:30 PM

Time Left

67
sec(s)

Question # 7 of 10 (Start time: 01:34:53 PM)

Total Marks: 1

DSN stands for _____

Select correct option:

Data System Name

Domain system Name

Data Source Name

Database System Name

Quiz Start Time: 01:30 PM

Time Left

43
sec(s)

Question # 8 of 10 (Start time: 01:35:25 PM)

Total Marks: 1

CREATE, ALTER, DROP are _____ SQL statements.

Select correct option:

DML

DDL

DCL

None of given

Quiz Start Time: 01:30 PM

Time Left

89
sec(s)

Question # 9 of 10 (Start time: 01:36:24 PM)

Total Marks: 1

Which of the following belongs to a category of checked exception?

Select correct option:

Null Pointer exception

IOException

Array index out of bounds

NumberFormatException

Quiz Start Time: 01:30 PM

Time Left

74
sec(s)

Question # 9 of 10 (Start time: 01:36:24 PM)

Total Marks: 1

Which of the following belongs to a category of checked exception?

Select correct option:

Null Pointer exception

IOException

Array index out of bounds

NumberFormatException

Quiz Start Time: 01:30 PM

Time Left

52
sec(s)

Question # 10 of 10 (Start time: 01:36:49 PM)

Total Marks: 1

Which of the following function is declared in MouseMotionListener interface?

Select correct option:

```
public void mousePressed (MouseEvent me);
```

public void mouseDragged (MouseEvent me);

public void mouseClicked (MouseEvent me);

public void mouseEntered (MouseEvent me);

Bottom of Form

Top of Form

Quiz Start Time: 01:05 PM

Time Left

14
sec(s)

http://quiz.vu.edu.pk/App_Themes/Default/Images/quiz_loading.gif

Question # 1 of 10 (Start time: 01:05:44 PM)

Total Marks: 1

Which of the following is true about abstract class?

http://quiz.vu.edu.pk/App_Themes/Images/pointer5.gifSelect correct option:

An abstract class must have all methods declared as abstract methods.

A class must have at least one abstract method to be an abstract class.

A class without any abstract method can be declared as abstract class.

An instance of abstract class can be created.

http://quiz.vu.edu.pk/App_Themes/Images/pointer5.gif

Top of Form

Quiz Start Time: 01:05 PM

Time Left

66
sec(s)

http://quiz.vu.edu.pk/App_Themes/Default/Images/quiz_loading.gif

Question # 2 of 10 (Start time: 01:07:06 PM)

Total Marks: 1

Mouse events can be trapped for _____ GUI component.

http://quiz.vu.edu.pk/App_Themes/Images/pointer5.gifSelect correct option:

JPanel

JFrame

JButton

All of given

http://quiz.vu.edu.pk/App_Themes/Images/pointer5.gif

Top of Form

Quiz Start Time: 01:05 PM

Time Left

43
sec(s)

http://quiz.vu.edu.pk/App_Themes/Default/Images/quiz_loading.gif

Question # 3 of 10 (Start time: 01:07:46 PM)

Total Marks: 1

Which of the following is true about AWT and SWING components?

http://quiz.vu.edu.pk/App_Themes/Images/pointer5.gifSelect correct option:

AWT components creates a process whereas SWING component creates a thread.

AWT components creates a thread whereas SWING component creates a process.

Both AWT and SWING component creates a process.

Both AWT and SWING component creates a thread.

Top of Form

Quiz Start Time: 01:05 PM

Time Left

66
sec(s)

Question # 4 of 10 (Start time: 01:08:46 PM)

Total Marks: 1

WindowListener interface contains _____ methods.

Four

Six

Seven

Eight

Question # 5 of 10 (Start time: 01:09:22 PM)

Total Marks: 1

If a class needs to handle events generated by button then which of the following interface a class needs to implement?

ComponentListener

KeyListener

MouseListener

ActionListener

Question # 6 of 10 (Start time: 01:09:48 PM)

Total Marks: 1

Window, frame and dialog use _____ as their default layout.

Border layout

Flow layout

GridBag layout

Grid layout

Question # 7 of 10 (Start time: 01:11:18 PM)

Total Marks: 1

Which of the following method is used to execute SELECT SQL statements?

`executeUpdate(sql);`

`ExecuteUpdate(sql);`

`executeQuery(sql);`

`ExecuteQuery(sql);`

Question # 8 of 10 (Start time: 01:12:05 PM)

Total Marks: 1

Which of the following stream is a filter stream?

FileWriter

FileReader

BufferedReader

All of given options

Quiz Start Time: 01:05 PM

Time Left

89
sec(s)

Question # 9 of 10 (Start time: 01:13:09 PM)

Total Marks: 1

Which of the following stream read/write data in the form of bytes?

FileReader

FileWriter

PrintWriter

FileInputStream

Top of Form

Quiz Start Time: 01:05 PM

Question # 10 of 10 (Start time: 01:14:40 PM)

Total Marks: 1


If a super class method is protected then overriding method _____

must be protected

must be public

must be private

may be either protected or public

Time Left ⁶ sec(s) 

Quiz Start Time: 01:18 PM

Question # 1 of 10 (Start time: 01:18:30 PM)

Total Marks: 1

Which of the following belongs to a category of checked exception?

▶ Select correct option:

- Null Pointer exception
- IOException
- Array index out of bounds
- NumberFormatException



Click here to Save Answer & Move to Next Question

Time Left 23
sec(s)

Quiz Start Time: 01:18 PM

Question # 2 of 10 (Start time: 01:19:57 PM)

Total Marks: 1

Which of the following is called “pure abstract class”?

▶ Select correct option:

- Concrete class
- Wrapper class
- Interface
- Abstract class with no abstract method



Click here to Save Answer & Move to Next Question

Time Left 85
sec(s)

Quiz Start Time: 01:18 PM

Question # 3 of 10 (Start time: 01:21:16 PM)


Total Marks: 1


An instance of abstract class cannot be created.

▶ Select correct option:

- True

False

 [Click here to Save Answer & Move to Next Question](#)

Time Left 90 sec(s) 

Quiz Start Time: 01:18 PM

Question # 4 of 10 (Start time: 01:21:29 PM)

Total Marks: 1

Which of the following is used for inheritance in java?


 Select correct option:


implements

extends

: (colon)

inherit

 [Click here to Save Answer & Move to Next Question](#)

Time Left 89 sec(s) 

Quiz Start Time: 01:18 PM

Question # 5 of 10 (Start time: 01:21:43 PM)

Total Marks: 1

Which of the following package needs to import while interacting with relational database?

▶ Select correct option:

- java.io
- java.sql
- javax.swing
- java.awt



Click here to Save Answer & Move to Next Question

Time Left 89 sec(s)

Quiz Start Time: 01:18 PM

Question # 6 of 10 (Start time: 01:22:03 PM)

Total Marks: 1


Window, frame and dialog use _____ as their default layout.


▶ Select correct option:

- Border layout
- Flow layout

GridBag layout

Grid layout

 [Click here to Save Answer & Move to Next Question](#)

Time Left **21** sec(s) 

Quiz Start Time: 01:18 PM

Question # 7 of 10 (Start time: 01:22:26 PM)

Total Marks: 1

A collection can store _____


 Select correct option:


Homogenous objects

Heterogeneous objects

Objects as well as primitive values

At most 100 objects

 [Click here to Save Answer & Move to Next Question](#)

Time Left 89 sec(s) 

Quiz Start Time: 01:18 PM

Question # 8 of 10 (Start time: 01:23:46 PM)

Total Marks: 1


Which of the following is a general purpose container?

▶ Select correct option:

- JFrame
- Dialog
- JPanel
- JApplet



Click here to Save Answer & Move to Next Question

Time Left 89 sec(s) 

Quiz Start Time: 01:18 PM

Question # 9 of 10 (Start time: 01:24:33 PM)

Total Marks: 1

Overloading is _____ whereas overriding is _____


▶ Select correct option:


- Run time binding, compile time binding

Late binding, compile time binding

Compile time binding, run time binding

Run time binding, late time binding

 [Click here to Save Answer & Move to Next Question](#)

Time Left **89** 
sec(s)

Quiz Start Time: 01:18 PM

Question # 10 of 10 (Start time: 01:25:46 PM)

Total Marks: 1

The relationship between class and interface is called _____


 Select correct option:


'Is a' relationship

'Has a' relationship

'Responds to' relationship

None of the given options

 [Click here to Save Answer & Move to Next Question](#)

Time Left 90 sec(s) 

Quiz Start Time: 01:30 PM


Question # 1 of 10 (Start time: 01:30:04 PM)

Total Marks: 1

HahMap takes key as a/an _____

▶ Select correct option:

- Object
- Array
- Primitive value
- Function

Time Left 89 sec(s) 

Quiz Start Time: 01:30 PM

Question # 2 of 10 (Start time: 01:31:34 PM)

Total Marks: 1

Which of the following statement object is used to execute stored procedures?


▶ Select correct option:


- Statement

PreparedStatement

CallableStatement

None of given options

 [Click here to Save Answer & Move to Next Question](#)

Time Left **89** 
sec(s)

Quiz Start Time: 01:30 PM

Question # 3 of 10 (Start time: 01:32:46 PM)

Total Marks: 1

Mouse events can be trapped for _____ GUI component.


 Select correct option:


JPanel

JFrame

JButton

All of given

 [Click here to Save Answer & Move to Next Question](#)

Time Left 89 sec(s) 

Quiz Start Time: 01:30 PM

Question # 4 of 10 (Start time: 01:33:30 PM)

Total Marks: 1


Which of the following stream read/write data in the form of bytes?

 Select correct option:

- FileReader
- FileWriter
- PrintWriter
- FileInputStream



Click here to Save Answer & Move to Next Question

Time Left 89 sec(s) 

Quiz Start Time: 01:30 PM

Question # 5 of 10 (Start time: 01:34:13 PM)

Total Marks: 1

Which of the following method is used to execute INSERT, UPDATE and Delete SQL statements?


 Select correct option:


executeQuery(sql);

ExecuteQuery(sql);

executeUpdate(sql);

ExecuteUpdate(sql);

 [Click here to Save Answer & Move to Next Question](#)

Time Left 82 sec(s) 

Quiz Start Time: 01:30 PM

Question # 6 of 10 (Start time: 01:34:36 PM)

Total Marks: 1

Which of the following is true about abstract class?

 Select correct option:

An abstract class must have all methods declared as abstract methods.

A class must have at least one abstract method to be an abstract class.

A class without any abstract method can be declared as an abstract class.

An instance of abstract class can be created.



Click here to Save Answer & Move to Next Question

Time Left 67 sec(s)

Quiz Start Time: 01:30 PM

Question # 7 of 10 (Start time: 01:34:53 PM)

Total Marks: 1

DSN stands for _____

Select correct option:

Data System Name

Domain system Name

Data Source Name

Database System Name



Click here to Save Answer & Move to Next Question

Time Left 43 sec(s)

Quiz Start Time: 01:30 PM

Question # 8 of 10 (Start time: 01:35:25 PM)


Total Marks: 1

CREATE, ALTER, DROP are _____ SQL statements.

▶ Select correct option:

- DML
- DDL
- DCL
- None of given

▶ [Click here to Save Answer & Move to Next Question](#)

Time Left 89 sec(s) 

Quiz Start Time: 01:30 PM


Question # 9 of 10 (Start time: 01:36:24 PM)


Total Marks: 1

Which of the following belongs to a category of checked exception?

▶ Select correct option:

- Null Pointer exception
- IOException
- Array index out of bounds

 [Click here to Save Answer & Move to Next Question](#)

Time Left 74 sec(s) 


Quiz Start Time: 01:30 PM


Question # 9 of 10 (Start time: 01:36:24 PM)

Total Marks: 1

Which of the following belongs to a category of checked exception?

 Select correct option:

 [Click here to Save Answer & Move to Next Question](#)

Time Left 52 sec(s) 

Quiz Start Time: 01:30 PM

Question # 10 of 10 (Start time: 01:36:49 PM)


Total Marks: 1

Which of the following function is declared in MouseMotionListener interface?

▶ Select correct option:

- `public void mousePressed (MouseEvent me);`
- `public void mouseDragged (MouseEvent me);`
- `public void mouseClicked (MouseEvent me);`
- `public void mouseEntered (MouseEvent me);`

▶ [Click here to Save Answer & Move to Next Question](#)

Time Left 14 sec(s) 

Quiz Start Time: 01:05 PM

Question # 1 of 10 (Start time: 01:05:44 PM)

Total Marks: 1

Which of the following is true about abstract class?

▶ Select correct option:


- An abstract class must have all methods declared as abstract methods.
- A class must have at least one abstract method to be an abstract class.

A class without any abstract method can be declared abstract class.

An instance of abstract class can be created.



Click here to Save Answer & Move to Next Question

Time Left 66 sec(s) 

Quiz Start Time: 01:05 PM

Question # 2 of 10 (Start time: 01:07:06 PM)

Total Marks: 1

Mouse events can be trapped for _____ GUI component.

 Select correct option:

JPanel

JFrame

JButton

All of given



Click here to Save Answer & Move to Next Question

Time Left 43 sec(s)

Quiz Start Time: 01:05 PM

Question # 3 of 10 (Start time: 01:07:46 PM)

Total Marks: 1

Which of the following is true about AWT and SWING components?

▶ Select correct option:

- AWT components creates a process w hereas SWING component creates a thread.
- AWT components creates a thread w hereas SWING component creates a process.
- Both AWT and SWING component creates a process.
- Both AWT and SWING component creates a thread.



Click here to Save Answer & Move to Next Question

Time Left 66 sec(s)

Quiz Start Time: 01:05 PM


Question # 4 of 10 (Start time: 01:08:46 PM)


Total Marks: 1

WindowListener interface contains _____ methods.

▶ Select correct option:

- Four

 [Click here to Save Answer & Move to Next Question](#)

Time Left **75** 
sec(s)


Quiz Start Time: 01:05 PM


Question # 5 of 10 (Start time: 01:09:22 PM)

Total Marks: 1

If a class needs to handle events generated by button then which of the following interface a class needs to implement?

 Select correct option:

 [Click here to Save Answer & Move to Next Question](#)

Time Left 37 sec(s) 

Quiz Start Time: 01:05 PM

Question # 6 of 10 (Start time: 01:09:48 PM)

Total Marks: 1


Window, frame and dialog use _____ as their default layout.

▶ Select correct option:

- Border layout
- Flow layout
- GridBag layout
- Grid layout



Click here to Save Answer & Move to Next Question

Time Left 90 sec(s) 

Quiz Start Time: 01:05 PM

Question # 7 of 10 (Start time: 01:11:18 PM)

Total Marks: 1

Which of the following method is used to execute SELECT SQL statements?


▶ Select correct option:


executeUpdate(sql);

ExecuteUpdate(sql);

executeQuery(sql);

ExecuteQuery(sql);

 [Click here to Save Answer & Move to Next Question](#)

Time Left 89 sec(s) 

Quiz Start Time: 01:05 PM

Question # 8 of 10 (Start time: 01:12:05 PM)

Total Marks: 1

Which of the following stream is a filter stream?

 Select correct option:


FileWriter

FileReader

BufferedReader

All of given options

Click here to Save Answer & Move to Next Question

Time Left 89 sec(s) 

Quiz Start Time: 01:05 PM

Question # 9 of 10 (Start time: 01:13:09 PM)


Total Marks: 1

Which of the following stream read/write data in the form of bytes?

 Select correct option:

 FileReader FileWriter PrintWriter FileInputStream

Click here to Save Answer & Move to Next Question

Time Left 88 sec(s) 

Quiz Start Time: 01:05 PM

Question # 10 of 10 (Start time: 01:14:40 PM)

Total Marks: 1

If a super class method is protected then overriding method _____

▶ Select correct option:

must be protected

must be public

must be private

may be either protected or public



Click here to Save Answer & Move to Next Question