

Learning4help by Waqas

Asslam-o-Alaikum! In this file we'll provide you **CS506 quiz 1&2 Spring 2023 Important Midlterm MCQs. Must Prepare Before Midterm Exams.** Verify Answers yourself too. If you found mistake then inform me.

If you found mistake then let us know. I am not responsible for any question and answers. I have tried my best while solving these MCQs. Best of Luck

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_____ in a collection class creates a collection with no elements.

Select the correct option

- Array
- Class
- Function
- Constructor

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Question # 6 of 10 (Start time: 03:33:00 PM, 30 May 2023)

Total Marks: 1

Java does not handle exception by _____ as keyword.

Select the correct option

- finally
- catch
- try
- exception

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Question # 5 of 10 (Start time: 03:32:41 PM, 30 May 2023)

Total Marks: 1

Exception handling code is written in _____

Select the correct option

- try block
- finally block
- throws clause
- catch block

Question # 4 of 10 (Start time: 03:30:51 PM, 30 May 2023)

Total Marks: 1

While running following ExceptionExample.java class on command line without passing command line arguments gives _____ exception.

```
public class ExceptionExample {  
    public static void main (String args[] ) {  
        System.out.println(args[0]);  
    }  
}
```

Select the correct option

- Divide by zero exception
- Array index out of bound exception
- IO Exception
- Null pointer exception

Question # 3 of 10 (Start time: 03:28:44 PM, 30 May 2023) Total Marks: 1

Which of the following statement is true about abstract class?

Select the correct option

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

In Java, if a super class method is protected then overriding method _____

Select the correct option

- must be private
- must be public
- must be protected
- may be either protected or public

Question # 1 of 10 (Start time: 03:26:34 PM, 30 May 2023)

Total Marks: 1

There are _____ steps in order to communicate successfully with database.

Select the correct option

- Seven
- Nine
- Eight
- Six

Question # 10 of 10 (Start time: 03:21:21 PM, 30 May 2023)

Total Marks: 1

Which of the following methods is a correct registration method for Focus Listener interface?

Select the correct option

- addFocusListener
- addFocusedListener
- regFocusedListener
- regFocusListener

Question # 9 of 10 (Start time: 03:19:17 PM, 30 May 2023)

Total Marks: 1

Which of the following statements is a correct statement for "mouse release" event in "MouseListener" interface?

Select the correct option

- public void mouseEntered (MouseEvent me);
- public void mouseReleased (MouseEvent me);
- public void mouseExited (MouseEvent me);
- public void mouseClicked (MouseEvent me);

Question # 8 of 10 (Start time: 03:18:38 PM, 30 May 2023)

Total Marks: 1

JDBC-ODBC stands for _____.

Select the correct option

- Java DataBase Connectivity- Open DataBase Connectivity
- Java DataBase Corporation- Oracle DataBase Corporation
- Java DataBase Connectivity- Oracle DataBase Connectivity
- Java DataBase Corporation- Open DataBase Corporation

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Question # 7 of 10 (Start time: 03:18:03 PM, 30 May 2023) Total Marks: 1

What will happen if static modifier is removed from the signature of main method?

Select the correct option

- The program will compile but not run
- None of given options
- The program will compile and run successfully
- The program will not compile

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Question # 7 of 10 (Start time: 03:18:03 PM, 30 May 2023) Total Marks: 1

What will happen if static modifier is removed from the signature of main method?

Select the correct option

- The program will compile but not run
- None of given options
- The program will compile and run successfully
- The program will not compile

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Question # 5 of 10 (Start time: 03:15:22 PM, 30 May 2023)

In given lines of code _____ is static variable and _____ is static method.
System.out.println("CS506");
JOptionPane.showMessageDialog(null,"CS506")

Select the correct option

- System, JOptionPane
- Println, showMessageDialog
- Println, JOptionPane
- Out, showMessageDialog

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Question # 5 of 10 (Start time: 03:15:22 PM, 30 May 2023) Total Marks: 1

Which of the following statement object is used to execute precompiled SQL statements?

Select the correct option

- None of given
- Statement
- PreparedStatement
- CallableStatement

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Question # 4 of 10 (Start time: 03:14:35 PM, 30 May 2023) **Total Marks: 1**

Java is a _____ language.

Select the correct option

<input type="radio"/>	Not portable
<input checked="" type="radio"/>	Multi threaded
<input type="radio"/>	Static
<input type="radio"/>	Complicated

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Question # 5 of 10 (Start time: 03:15 PM, 30 May 2023) **Total Marks: 1**

Choose the correct syntax to declare an abstract java class named as "Person".

Select the correct option

<input type="radio"/>	public class abstract Person{}
<input checked="" type="radio"/>	public abstract class Person{}
<input type="radio"/>	public class Person abstract{}
<input type="radio"/>	abstract public class Person{}

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Question # 2 of 10 (Start time: 03:12:00 PM, 30 May 2023)

Total Marks: 1

Exceptions must be handled while handling files otherwise it may lead to _____

Select the correct option

- Run-time error
- Syntax error
- Logical error
- No error

Question # 1 of 10 (Start time: 03:10:11 PM, 30 May 2023)

Total Marks: 1

The toString() method returns a _____ representation of _____

Select the correct option

- string, int
- string, object
- int, string
- object, string

Question # 10 of 10 (Start time: 02:58:09 PM, 30 May 2023) Total Marks: 1

Which of the following features provides the facility for multiple inheritance?

Select the correct option

- Interfaces
- Collections
- Adapter classes
- Wrapper classes

Which command of the following commands is used to run "JavaTest" java file's program?

Select the correct option

- javac JavaTest
- javac JavaTest.java
- java JavaTest.java
- java JavaTest

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Mouse motion event is generated when mouse is:

Select the correct option

- Clicked
- Pressed
- Entered
- Dragged

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Question # 7 of 10 (Start time: 02:55:50 PM, 30 May 2023) Total Marks: 1

_____ understands the byte code?

Select the correct option

- Java compiler
- Operating system
- Java Interpreter
- Java Virtual Machine

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

Select the correct option

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

Question # 5 of 10 (Start time: 02:53:55 PM, 30 May 2023) Total Marks: 1

JPanel and Applet use _____ as their default layout.

Select the correct option

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

Question # 4 of 10 (Start time: 02:52:55 PM, 30 May 2023)

Total Marks: 1

Which of the following features is available in java?

Select the correct option

- Primitive data types
- Operator overloading
- Pointers
- Global variables

Question # 3 of 10 (Start time: 02:51:20 PM, 30 May 2023)

Total Marks: 1

When there is just a onetime use of a particular object of a java class, we use_____

Select the correct option

- named object
- anonymous object
- neither named object nor anonymous object
- either named object or anonymous object

Question # 2 of 10 (Start time: 02:49:31 PM, 30 May 2023) Total Marks: 1

Which of the given Listener interfaces have adapter class(s)?

Select the correct option

- MouseMotionListener
- ItemListener
- AdjustmentListener
- ActionListener

Question # 2 of 10 (Start time: 02:49:31 PM, 30 May 2023) Total Marks: 1

Which of the given Listener interfaces have adapter class(s)?

Select the correct option

- MouseMotionListener
- ItemListener
- AdjustmentListener
- ActionListener

Question # 1 of 10 (Start time: 02:47:54 PM, 30 May 2023) Total Marks: 1

An object of Student.java class is creating and setting its value in Test.java class. _____ error is there in given code.

```
public class Test{
public static void main (String args[]){
    Student s2 = new Student();
    s2->setName("Aslam");
}
```

Select the correct option

- setName method should not be accessed by arrow operator
- Class name is in wrong format
- s2 is not valid name of object of Student class
- no syntax error

Question # 10 of 10 (Start time: 10:50:42 PM, 30 May 2023) Total Marks: 1

Which of the following statements is true about primitive data types and reference data types?

- Select the correct option
- Primitive data types are created on heap whereas references are created on stack
 - Primitive data types are created on stack whereas references are created on heap
 - Both primitive data types and references are created on heap

Question # 7 of 10 (Start time: 10:46:52 PM, 30 May 2023)

Total Marks: 1

Which of the following statements attaches an output stream to console?

Select the correct option

- FileWriter fw = new FileWriter(FileDescriptor.in);
- FileWriter fw = new FileWriter(FileDescriptor);
- FileWriter fw = new FileWriter("output.txt");
- FileWriter fw = new FileWriter(FileDescriptor.out);

Question # 4 of 10 (Start time: 10:43:55 PM, 30 May 2023)

Total Marks: 1

A hash map object is to create, to store Teacher objects as values and their CNIC in the form of strings as keys. Which syntax is correct for this requirement?

Select the correct option

- HashMap <String,Teacher> h =new HashMap<String, Teacher>();
- HashMap <Teacher> h =new HashMap<Teacher>();
- HashMap <String> h =new HashMap<String>();
- HashMap <Teacher> h =new HashMap<String,Teacher>();

Question # 3 of 10 (Start time: 10:43:21 PM, 30 May 2023)

Total Marks: 1

Exceptions must be handled while handling files otherwise it may lead to _____

Select the correct option

- No error
- Syntax error
- Run-time error
- Logical error

Question # 2 of 10 (Start time: 10:42:59 PM, 30 May 2023)

Total Marks: 1

Which of the following streams is a byte oriented stream?

Select the correct option

- FileReader
- PrintWriter
- FileInputStream
- BufferedReader

Question # 1 of 10 (Start time: 10:42:31 PM, 30 May 2023)

Total Marks: 1

Mouse events can be trapped for _____ GUI component.

Select the correct option

- JPanel
- JFrame
- All of given

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

Select the correct option

- FileReader fr = new FileReader(FileDescriptor.in);
- FileReader fr = new FileReader("input.txt");
- FileReader fr = new FileReader(FileDescriptor);
- FileReader fr = new FileReader(console);

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QUESTION # 7 OF 10 (Start time: 07:51:24 PM, 30 May 2023)

A database that is created in MS Access 2003 will be saved with _____ extension.

Select the correct option

<input type="radio"/>	.class
<input type="radio"/>	.java
<input type="radio"/>	.doc
<input checked="" type="radio"/>	.mdb

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QUESTION # 7 OF 10 (Start time: 07:51:24 PM, 30 May 2023) Total Marks: 1

Which one of the following blocks always executes irrespective of exception occurrence?

Select the correct option

<input type="radio"/>	Throws block
<input type="radio"/>	Catch block
<input checked="" type="radio"/>	Finally block
<input type="radio"/>	Try block

Question # 6 of 10 (Start time: 07:50:25 PM, 30 May 2023)

Total Marks: 1

The classes which contain the word _____ in their names are byte oriented streams.

Select the correct option

- Stream
- Byte
- Reader
- Writer

Question # 4 of 10 (Start time: 07:49:19 PM, 30 May 2023)

Total Marks: 1

You must include a _____ to declare an exception that might be thrown to another method.

Select the correct option

- finally block
- try block
- throws-clause
- catch block

Question # 3 of 10 (Start time: 07:48:48 PM, 30 May 2023)

Total Marks: 1

Bytecodes are created and stored on disk by _____ .

Select the correct option

- bytecode verifier
- compiler
- class loader
- editor

CS506 - Web Design and Development (Quiz No. 1)

Quiz Start Time: 07:48 PM, 30 May 2023

Question # 2 of 10 (Start time: 07:48:27 PM, 30 May 2023)

Total Marks: 1

DML stands for?

Select the correct option

- Data Management Language
- Direct Manipulation Language
- Data Manipulation Language

Question # 2 of 10 (Start time: 07:48:27 PM, 30 May 2023)

Total Marks: 1

DML stands for?

Select the correct option

- Data Management Language
- Direct Manipulation Language
- Data Manipulation Language
- Direct Management Language

AWT compone

1 of 2

Select the correct option

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

Click to Save Answer & Move to Next Question

Question # 9 of 10 (Start time: 06:13:49 PM, 30 May 2023)

Total Marks: 1

Which of the following is a general purpose container?

Select the correct option

- JFrame
- JPanel
- Dialog
- JApplet

Question # 9 of 10 (Start time: 06:13:49 PM, 30 May 2023)

Total Marks: 1

Which of the following is a general purpose container?

Select the correct option

- JFrame
- JPanel
- Dialog
- JApplet

Question # 7 of 10 (Start time: 06:12:10 PM, 30 May 2023)

Total Marks: 1

Which of the given methods is/are declared for "MouseListener" interface?

Select the correct option

- MouseMoved
- MousePressed
- MouseDragged
- MouseKeyPressed

Question # 6 of 10 (Start time: 06:11:43 PM, 30 May 2023)

Total Marks: 1

JPanel and Applet use _____ as their default layout.

Select the correct option

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

Menu vulms.vu.edu.pk/Quiz/QuizQuestion.aspx 1 of 1

Question # 5 of 10 (Start time: 06:10:49 PM, 30 May 2023) **Total Marks: 1**

A hash map object is to create, to store Teacher objects as values and their CNIC in the form of strings as keys.
Which syntax is correct for this requirement?

Select the correct option

- HashMap <Teacher> h =new HashMap<String,Teacher>;
- HashMap <Teacher> h =new HashMap<Teacher>;
- HashMap <String,Teacher> h =new HashMap<String, Teacher>;
- HashMap <String> h =new HashMap<String>;

Search vulms.vu.edu.pk/Quiz/QuizQuestion.aspx 1 of 1

Question # 5 of 10 (Start time: 06:10:49 PM, 30 May 2023) **Total Marks: 1**

A hash map object is to create, to store Teacher objects as values and their CNIC in the form of strings as keys.
Which syntax is correct for this requirement?

Select the correct option

- HashMap <Teacher> h =new HashMap<String,Teacher>;
- HashMap <Teacher> h =new HashMap<Teacher>;
- HashMap <String,Teacher> h =new HashMap<String, Teacher>;
- HashMap <String> h =new HashMap<String>;

Question # 4 of 10 (Start time: 06:09:45 PM, 30 May 2023) Total Marks: 1

If a class implements an interface then _____

Select the correct option

- a class must provide implementation of all methods of interface
- a class may or may not provide implementation of all methods of interface
- an interface must provide implementation of all methods
- class will compile successfully if class do not implements methods of interface

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Question # 3 of 10 (Start time: 06:07:26 PM, 30 May 2023) Total Marks: 1

Following are the code statements used in java event handling. Identify the code statement that is used for registering event handler with event generator

Select the correct option

- frame = new JFrame()
- b1.addActionListener(this)
- frame.setSize(150, 150)
- b1 = new JButton("OK")

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Question # 2 of 10 (Start time: 06:06:27 PM, 30 May 2023) **Total Marks: 1**

Which of the following is NOT true for java inner classes?

Select the correct option

- Can have constructors
- Can have Methods
- Generally used as public utility classes
- Can have instance variables

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Question # 1 of 10 (Start time: 06:05:26 PM, 30 May 2023) **Total Marks: 1**

Which of the following packages needs to import while handling files?

Select the correct option

- java.util
- javax.swing
- java.awt
- java.io

Question # 1 of 10 (Start time: 06:05:26 PM, 30 May 2023)

Total Marks: 1

Which of the following packages needs to import while handling files?

Select the correct option

- java.util
- javax.swing
- java.awt
- java.io

Question # 10 of 10 (Start time: 05:56:39 PM, 30 May 2023)

Total Marks: 1

_____ is/are not part of java core language.

Select the correct option

- ArrayList class
- Variables
- Arrays
- Objects

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AWT is also called _____.

Select the correct option

- Neither Light weight nor heavy weight
- Heavy weight components
- Both Light weight and heavy weight components
- Light weight components

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AWT is also called _____.

Select the correct option

- Neither Light weight nor heavy weight
- Heavy weight components
- Both Light weight and heavy weight components
- Light weight components

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Question # 8 of 10 (Start time: 05:54:27 PM, 30 May 2023) **Total Marks: 1**

Strings in java are represented as _____

Select the correct option

- Primitive data types
- Operators
- Native data types
- Reference data types

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Question # 8 of 10 (Start time: 05:54:27 PM, 30 May 2023) **Total Marks: 1**

Strings in java are represented as _____

Select the correct option

- Primitive data types
- Operators
- Native data types
- Reference data types

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Question # 7 of 10 (Start time: 05:54:01 PM, 30 May 2023)

Total Marks: 1

Interface imposes _____ structure on any class that uses interface.

Select the correct option

- code
- inheritance
- design
- implementation

CS506 - Web Design and Development (Quiz No. 1)

Quiz Start Time: 05:50 PM, 30 May 2023

Question # 5 of 10 (Start time: 05:51:45 PM, 30 May 2023)

Total Marks: 1

In given lines of code, _____ is applying .
int a = 20;
double b = a;

Select the correct option

- upcasting a to b type
- downcasting a to b type
- downcasting b to a type

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Question # 1 of 10 (Start time: 05:50:11 PM, 30 May 2023)

Which of the following statements is a correct statement for "mouse release" event in "MouseListener" interface?

Select the correct option

- public void mouseClicked (MouseEvent me);
- public void mouseEntered (MouseEvent me);
- public void mouseReleased (MouseEvent me);
- public void mouseExited (MouseEvent me);

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CS506 - Web Design and Development (Quiz No. 1) Quiz Start Time: 05:50 PM, 30 May 2023

Question # 1 of 10 (Start time: 05:50:11 PM, 30 May 2023) Total Marks: 1

If the subclass overrides all the abstract methods of super class, then subclass is called _____.

Select the correct option

- Base class
- Abstract class
- Parent class
- Concrete class

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Question # 10 of 10 (Start time: 04:09:26 PM, 30 May 2023) **Total Marks: 1**

Following are the code statements used in java event handling. Identify the code statement that is used for handling an event.

Select the correct option

- button.addActionListener(this)
- public void actionPerformed(ActionEvent e)
- container.setLayout(new FlowLayout());
- button = new JButton("Reset")

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Question # 9 of 10 (Start time: 04:08:32 PM, 30 May 2023) **Total Marks: 1**

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

Select the correct option

- executeUpdate(sql);
- ExecuteQuery(sql);
- executeQuery(sql);
- ExecuteUpdate(sql);

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Question # 8 of 10 (Start time: 04:06:50 PM, 30 May 2023)

Total Marks: 1

If the subclass overrides all the abstract methods of super class, then subclass is called _____.

Select the correct option

- Base class
- Concrete class
- Parent class
- Abstract class

CS506 - Web Design and Development (Quiz No. 1)

Quiz Start Time: 04:00 PM, 30 May 2023

Question # 7 of 10 (Start time: 04:06:33 PM, 30 May 2023)

Total Marks: 1

To compile all the .java files, the java compiler is called _____, on UNIX or Windows.

Select the correct option

Reload Math Equations

- c java
- cjava
- java c
- javac

Question # 6 of 10 (Start time: 04:05:43 PM, 30 May 2023)

Total Marks: 1

Which of the following name is used by the system to recognize the underlying data source?

Select the correct option

- DSN
- ODBC
- JDBC
- DNS

Question # 5 of 10 (Start time: 04:04:57 PM, 30 May 2023)

Total Marks: 1

Given code is showing the result of addition of two integer type numbers. Choose correct output of this code.

```
int i = 7; int j = 8; int k = i+j;  
System.out.println("Seven " + i + " plus Eight " + j + " is " + k);
```

Select the correct option

- Seven plus Eight is k
- Seven 7 plus Eight 8 is 15
- Seven i plus Eight j is k
- Seven i plus Eight j is + 15

Question # 4 of 10 (Start time: 04:04:41 PM, 30 May 2023)

Total Marks: 1

Which of the following statement is true about abstract class?

Select the correct option

- A class without any abstract method can be declared as abstract class.
- A class must have at least one abstract method to be an abstract class.
- An instance of abstract class can be created.
- An abstract class must have all methods declared as abstract methods.

Question # 3 of 10 (Start time: 04:04:06 PM, 30 May 2023)

Total Marks: 1

Which of the following classes is capable to instantiate?

Select the correct option

- Concrete class
- Interface class
- Abstract class
- None of the given

Question # 2 of 10 (Start time: 04:01:52 PM, 30 May 2023)

Total Marks: 1

_____ is correct syntax to get component area of "myFrame" top level container.

Select the correct option

- Container c = myFrame.getContentArea();
- Container c = myFrame.getContentPane();
- Container c = myFrame->getComponentArea();
- Container c = myFrame.getComponentPane();

CS506 - Web Design and Development (Quiz No. 1)

Quiz Start Time: 04:00 PM, 30 May 2023

Question # 1 of 10 (Start time: 04:00:20 PM, 30 May 2023)

Total Marks: 1

Which of the following features is not available in Java?

Select the correct option

- Data encapsulation
- Multiple inheritance
- Single inheritance
- Data hiding

Question # 10 of 10 (Start time: 03:36:19 PM, 30 May 2023)

Total Marks: 1

If we want to call toString() method of parent class in JAVA. Which of the following statements will be used?

Select the correct option

- super.toString();
- sub. toString();
- new. toString();
- this. toString();

Question # 9 of 10 (Start time: 03:35:29 PM, 30 May 2023)

Total Marks: 1

In java, overloading is _____ whereas overriding is _____.

Select the correct option

- Run time binding, late time binding
- Late binding, compile time binding
- Compile time binding, run time binding
- Run time binding, compile time binding

Question # 9 of 10 (Start time: 03:35:29 PM, 30 May 2023)

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In java, overloading is _____ whereas overriding is _____.

Select the correct option

- Run time binding, late time binding
- Late binding, compile time binding
- Compile time binding, run time binding
- Run time binding, compile time binding

Question # 8 of 10 (Start time: 03:34:52 PM, 30 May 2023)

Total Marks: 1

The given line of code will result in _____
`System.out.println(5+9);`

Select the correct option

- 59
- 14
- 5+9
- Syntax error

Question # 8 of 10 (Start time: 03:34:52 PM, 30 May 2023)

Total Marks: 1

The given line of code will result in _____
System.out.println(5+9);

Select the correct option

- 59
- 14
- 5+9
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