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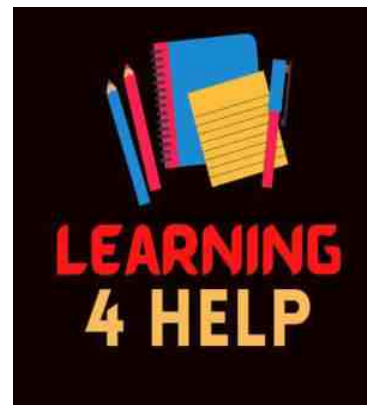
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Question # 8 of 10 (Start time: 01:26:46 PM, 05 July 2023) Total Marks: 1

Which of the following variable value will not be set during the installation and configuration of Apache Tomcat Server?

Select the correct option

- ☐ CATALINA_HOME
- ☒ CLASSPATH
- ☐ JDK_HOME
- ☐ JAVA_HOME

Question # 8 of 10 (Start time: 01:26:46 PM, 05 July 2023) Total Marks: 1

Which of the following variable value will not be set during the installation and configuration of Apache Tomcat Server?

Select the correct option

- ☐ CATALINA_HOME
- ☒ CLASSPATH
- ☐ JDK_HOME
- ☐ JAVA_HOME

Question # 7 of 10 (Start time: 01:25:44 PM, 05 July 2023) Total Marks: 1

JAVA_Home indicates the _____ of JDK.

Select the correct option

- ☐ web page
- ☒ root directory
- ☐ webapps folder
- ☐ bin folder

Question # 6 of 10 (Start time: 01:24:15 PM, 05 July 2023) Total Marks: 1

Servlet mapping is defined in _____

Select the correct option

- ☐ JSP
- ☐ servlet
- ☐ html
- ☒ web.xml

Question # 5 of 10 (Start time: 01:23:25 PM, 05 July 2023) Total Marks: 1

HTTP works on port _____

Select the correct option

- ☐ 21
- ☒ 80
- ☐ 23
- ☐ 84

Question # 4 of 10 (Start time: 01:22:18 PM, 05 July 2023) Total Marks: 1

Which of the following is not a servlet related package?

Select the correct option

- ☒ javax.servlet.Svlt
- ☐ javax.servlet.Servlet
- ☐ javax.servlet.http
- ☐ javax.servlet

Question # 1 of 10 (Start time: 01:20:36 PM, 05 July 2023) Total Marks: 1

In _____ state, thread is assigned a processor to run.

Select the correct option

- ☐ dead
- ☐ ready
- ☐ new
- ☒ running

Question # 2 of 10 (Start time: 01:21:18 PM, 05 July 2023) Total Marks: 1

If attribute is "name" and value is "ahmad" then the GET request will be _____.

Select the correct option

- ☐ http://www.gmail.com/register#name=ahmad
- ☐ http://www.gmail.com/register?name.ahmad
- ☐ http://www.gmail.com/register&name=ahmad
- ☒ http://www.gmail.com/register?name=ahmad

Question # 9 of 10 (Start time: 01:05:50 PM, 05 July 2023) Total Marks: 1

Server spawns a new thread for each new request from the client by calling servlet's _____ method.

Select the correct option

- ☐ init()
- ☐ spwan()
- ☐ yield()
- ☒ service()

Question # 8 of 10 (Start time: 01:04:33 PM, 05 July 2023) Total Marks: 1

At servlet service stage, webserver invokes _____ method.

Select the correct option

- ☐ servletServices()
- ☐ svltServices()
- ☒ services()
- ☐ serviceSvlt()

Question # 7 of 10 (Start time: 01:03:17 PM, 05 July 2023) Total Marks: 1

Inside <servlet-mapping> tag, first write _____ of the servlet using _____ tag in web.xml.

Select the correct option

- ☒ name, <servlet-name>
- ☐ url, <servlet-url>
- ☐ url, <url-pattern>
- ☐ class, <servlet-class>

Question # 7 of 10 (Start time: 01:03:17 PM, 05 July 2023) Total Marks: 1

Inside <servlet-mapping> tag, first write _____ of the servlet using _____ tag in web.xml.

Select the correct option

- ☒ name, <servlet-name>
- ☐ url, <servlet-url>
- ☐ url, <url-pattern>
- ☐ class, <servlet-class>

Question # 6 of 10 (Start time: 01:02:14 PM, 05 July 2023) Total Marks: 1

web.xml is a _____

Select the correct option

- ☐ servlet file
- ☒ configuration file
- ☐ jar file
- ☐ java file

Question # 7 of 10 (Start time: 01:02:14 PM, 05 July 2023) Total Marks: 1

"Ready State" means a thread is in _____

Select the correct option

- ☐ dead state
- ☐ new state
- ☐ waiting state
- ☒ ready queue

Question # 1 of 10 (Start time: 12:59:17 PM, 05 July 2023) Total Marks: 1

Which of the following is not the part of http response?

Select the correct option

- ☒ URI
- ☐ Header files
- ☐ Status code
- ☐ Result Code

Question # 10 of 10 (Start time: 12:52:27 PM, 05 July 2023) Total Marks: 1

In the context of Java Thread, sleep() method throws _____ exception.

Select the correct option

- ☐ Index Out of bound
- ☒ Interrupted
- ☐ File not found
- ☐ Input Output

Question # 9 of 10 (Start time: 12:51:08 PM, 05 July 2023) Total Marks: 1

Real world business objects are represented in _____.

Select the correct option

- ☒ data layer
- ☐ presentation layer
- ☐ application layer
- ☐ business layer

Question # 8 of 10 (Start time: 12:49:53 PM, 05 July 2023) Total Marks: 1

An applet can be defined as:

Select the correct option

- ☐ A small program written in JSP and included in an HTML page
- ☐ A small program written in JSF and included in an HTML page
- ☒ A small program written in Java and included in an HTML page
- ☐ A small program written in Servlet and included in an HTML page

Which of the following syntax is used to create a client socket?

Select the correct option

- ☒ Socket s = new Socket("serverName", serverPort);
- ☐ Socket s = new Socket("serverName");
- ☐ Socket s = new Socket(serverport);
- ☐ Socket s = new Socket(serverPort, "serverName");

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If you want the timer to fire only the first time and then stop, invoke _____.

Select the correct option

- ☐ `setOnce(true)`
- ☐ `setOnce(false)`
- ☐ `setRepeats(true)`
- ☒ `setRepeats(false)`

Question # 4 of 10 (Start time: 12:45:18 PM, 05 July 2023) Total Marks: 1

Which of the following problem occurs with lower priority threads?

Select the correct option

- ☐ Process death
- ☒ Starvation
- ☐ Average waiting time
- ☐ Race condition

Question # 3 of 10 (Start time: 12:44:19 PM, 05 July 2023) Total Marks: 1

Which of the following folder contains configuration file?

Select the correct option

- ☐ classes
- ☐ lib
- ☒ WEB-INF
- ☐ bin

Question # 3 of 10 (Start time: 12:44:19 PM, 05 July 2023) Total Marks: 1

Which of the following folder contains configuration file?

Select the correct option

- ☐ classes
- ☐ lib
- ☒ WEB-INF
- ☐ bin

Question # 2 of 10 (Start time: 12:43:01 PM, 05 July 2023) Total Marks: 1

Servlets are java technology's answer to _____ programming.

Select the correct option

- ☐ Perl
- ☐ C
- ☒ CGI
- ☐ C++

Question # 10 of 10 (Start time: 12:26:37 PM, 05 July 2023) Total Marks: 1

Which of the following range of response code signify error by server?

Select the correct option

- ☒ 500-599
- ☐ 400-499
- ☐ 200-299
- ☐ 300-399

Which of the following interface needs to implement while creating threads?

Select the correct option

- ☐ WindowListener
- ☐ ActionListener
- ☐ Serializable
- ☒ Runnable

Question # 2 of 10 (Start time: 12:43:01 PM, 05 July 2023) Total Marks: 1

Servlets are java technology's answer to _____ programming.

Select the correct option

- ☐ Perl
- ☐ C
- ☒ CGI
- ☐ C++

Question # 8 of 10 (Start time: 12:24:49 PM, 05 July 2023) Total Marks: 1

Choose correct line of code to inherit a Worker class from Thread class in Java.

Select the correct option

- ☐ public class Worker implement Thread ()
- ☐ public class Worker inherit Thread ()
- ☒ public class Worker extends Thread ()
- ☐ public class Worker new Thread ()

Question # 7 of 10 (Start time: 12:24:06 PM, 05 July 2023) Total Marks: 1

HTTP response code 404 indicates that _____

Select the correct option

- ☐ requested resource is available
- ☐ request requires HTTP authentication
- ☐ error by server
- ☒ requested resource is not available

Question # 6 of 10 (Start time: 12:22:42 PM, 05 July 2023) Total Marks: 1

A servlet _____ during its initialize stage.

Select the correct option

- ☐ forwards request/s
- ☐ unloads resource/s
- ☒ loads resource/s
- ☐ accepts request/s

HTTP response code 401 indicates that _____.

Select the correct option

- ☒ request requires HTTP authentication
- ☐ error by server
- ☐ requested resource is not available
- ☐ requested resource is available

Which of the following approach can used to create threads in java?

Select the correct option

- ☐ Abstraction
- ☐ Polymorphism
- ☐ Composition
- ☒ Inheritance

Choose correct line of code to start a thread 't' in Java.

Select the correct option

- ☐ t=start()
- ☐ t->start()
- ☒ t.start()
- ☐ t-start()

Question # 3 of 10 (Start time: 12:20:00 PM, 05 July 2023) Total Marks: 1

The _____ method actually processes the clients request.

Select the correct option

- ☐ destroy()
- ☐ yield()
- ☒ service()
- ☐ init()

Question # 2 of 10 (Start time: 12:18:47 PM, 05 July 2023) Total Marks: 1

Thread sleep () method causes the currently executing thread to wait for the time in _____.

Select the correct option

- ☐ Zeptoseconds
- ☒ Microseconds
- ☐ Nanoseconds
- ☐ Milliseconds

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C5506 - Web Design and Development (Quiz No. 3)

Quiz Start Time: 12:15 PM, 05 July 2023

Question # 1 of 10 (Start time: 12:15:48 PM, 05 July 2023) Total Marks: 1

Which of the following methods takes the place of constructor in an Applet?

Select the correct option

- ☐ start()
- ☐ main()
- ☐ run()
- ☒ init()

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Question # 9 of 10 (Start time: 08:32:54 PM, 06 July 2023) Total Marks: 1

Thread sleep () method causes the currently executing thread to wait for the time in _____.

Select the correct option

- ☐ Zeptoseconds
- ☐ Nanoseconds
- ☒ Milliseconds
- ☐ Microseconds

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Question # 3 of 10 (Start time: 08:30:17 PM, 06 July 2023)

Total Marks: 1

To compile a servlet (e.g. MyServlet.java) _____ command is used in command prompt.

Select the correct option

☐ java-c

☒ javac

☐ java

Question # 10 of 10 (Start time: 06:27:09 PM, 06 July 2023)

Total Marks: 1

Which of the following method is called only once during life cycle of Servlet?

Select the correct option

☒ init()

☐ start()

☐ destroy()

☐ service()

Question # 9 of 10 (Start time: 06:25:28 PM, 06 July 2023) Total Marks: 1

Request and response of servlet are handled at _____ stage.

Select the correct option

- ☐ destroy
- ☐ failure
- ☐ initialize
- ☒ service

Choose the correct statement by which thread 'Y' causes currently executing thread to block until thread 'Y' finishes its run() method.

Select the correct option

- ☐ t.wait()
- ☐ t.sleep()
- ☒ t.join()
- ☐ t.start()

The newly created thread can be moved to "Ready State" by calling _____ method.

Select the correct option

- ☐ yield()
- ☐ wait()
- ☒ start()
- ☐ sleep()

Question # 9 of 10 (Start time: 08:55:10 PM, 05 July 2023) Total Marks: 1

_____ is NOT the type of HTTP request.

Select the correct option

- ☐ Delete
- ☒ Update
- ☐ Post

Timer class constructor requires time in _____

Select the correct option

- ☐ nano seconds
- ☐ seconds
- ☒ milli seconds
- ☐ micro seconds

The _____ method is used, when one thread wants to wait for another thread's run method to complete its execution.

Select the correct option

- ☐ wait()
- ☐ sleep()
- ☒ join()
- ☐ yield()

The _____ method is used, when one thread wants to wait for another thread's run method to complete its execution.

Select the correct option

- ☐ wait()
- ☐ sleep()
- ☒ join()
- ☐ yield()

Question # 4 of 10 (Start time: 06:22:23 PM, 06 July 2023) Total Marks: 1

A port is a _____ to which processes can listen for connection's request.

Select the correct option

- ☐ Server Address
- ☐ Client Address
- ☐ Local Address
- ☒ Transport Address

Which of the following methods of Graphics object is used to draw rectangle?

Select the correct option

- ☒ drawRect(10,10,20,20);
- ☐ drawRectangle(10,10,20,20);
- ☐ DrawRectangle(10,10,20,20);
- ☐ DrawRect(10,10,20,20);

Question # 5 of 10 (Start time: 08:22:00 PM, 09 July 2023)

Which of the following is/are not correct about Thread(s)?

Select the correct option

- ☐ Light weight
- ☐ Share some memory
- ☒ Heavy weight
- ☐ Light weight and share some memory

Question # 8 of 10 (Start time: 08:20:55 PM, 05 July 2023) Total Marks: 1

Which of the given will clear all the previous painting?

Select the correct option

- ☐ super.repaint()
- ☒ super.paintComponent()
- ☐ super.paint()
- ☐ super.redraw()

Question # 6 of 10 (Start time: 08:18:45 PM, 05 July 2023) Total Marks: 1

Which of the following methods is invoked by the AWT package to support paint and repaint operations?

Select the correct option

- ☒ paint()
- ☐ draw()
- ☐ redraw()

Question # 5 of 10 (Start time: 08:17:01 PM, 05 July 2023) Total Marks: 1

Choose correct integer value for predefined Thread Priority "Thread.MIN_PRIORITY" in Java.

Select the correct option

☐ 7

☐ 10

☒ 1

☐ 5

Question # 5 of 10 (Start time: 08:17:01 PM, 05 July 2023) Total Marks: 1

Choose correct integer value for predefined Thread Priority "Thread.MIN_PRIORITY" in Java.

Select the correct option

☐ 7

☐ 10

☒ 1

☐ 5

HTTP response code 100s indicates _____

Select the correct option

- ☐ to continue without request
- ☐ do not continue with any request
- ☐ to continue with complete request
- ☒ to continue with partial request

Question # 10 of 10 (Start time: 03:37:15 PM, 05 July 2023) Total Marks: 1

Thread sleep () method causes the currently executing thread to wait for the time in _____

Select the correct option

- ☐ Zeptoseconds
- ☒ Milliseconds
- ☐ Microseconds
- ☐ Nanoseconds

Question # 7 of 10 (Start time: 03:35:55 PM, 05 July 2023) Total Marks: 1

Which of the following is not the stage of servlet lifecycle?

Select the correct option

☐	Initialize
☐	Service
☒	Wait
☐	Destroy

Question # 7 of 10 (Start time: 03:35:55 PM, 05 July 2023) Total Marks: 1

Which of the following is not the stage of servlet lifecycle?

Select the correct option

☐	Initialize
☐	Service
☒	Wait
☐	Destroy

setColor() is a method of _____ object.

Select the correct option

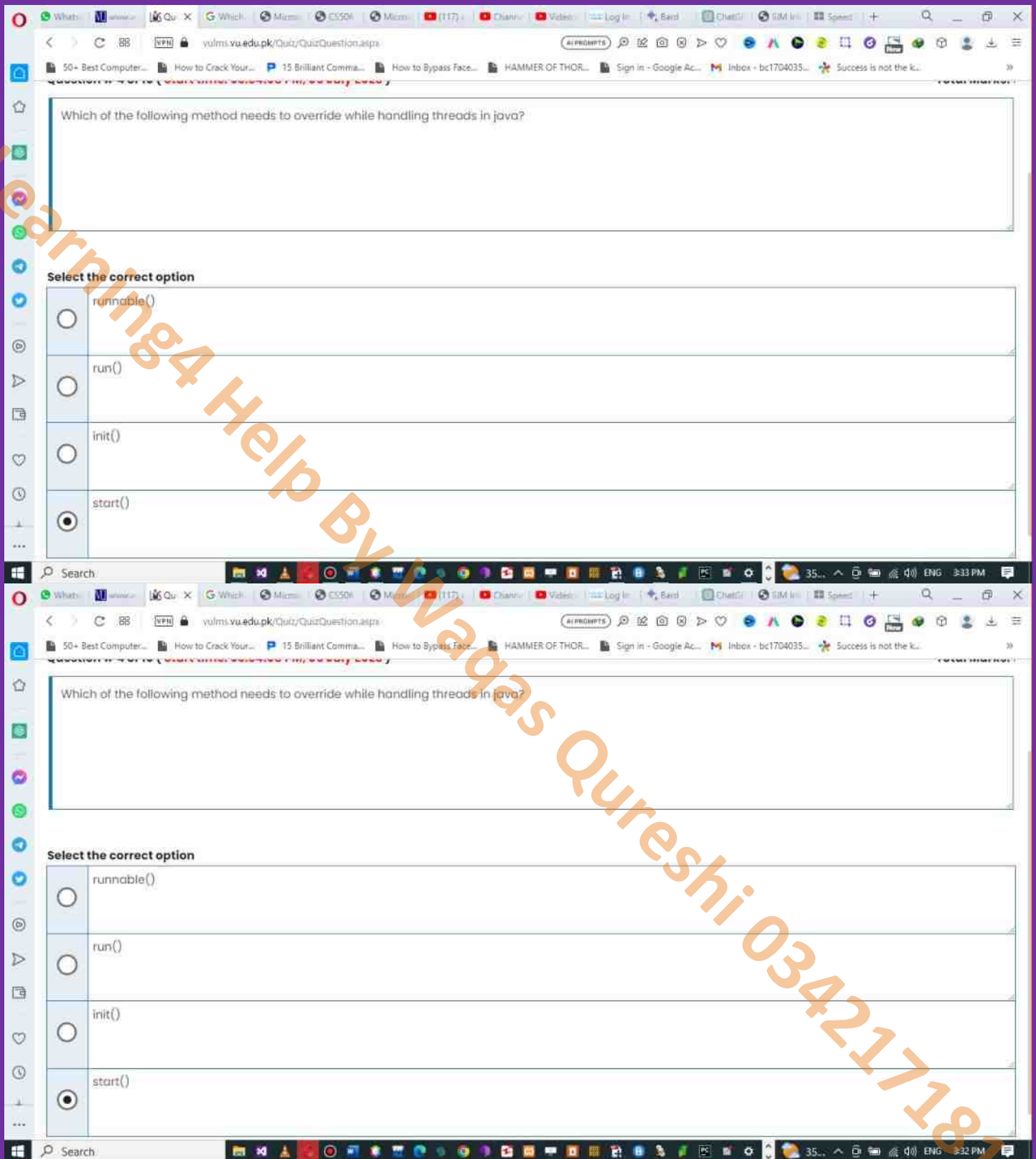
- ☐ JFrame
- ☐ JPanel
- ☐ Image
- ☒ Graphics

Question # 5 of 10 (Start time: 03:33:12 PM, 05 July 2023) Total Marks: 1

In Java, Serializable Interface can be found under _____ package.

Select the correct option

- ☐ java.util
- ☐ java.sql
- ☒ java.io
- ☐ java.net



Question # 3 of 10 (Start time: 03:32:24 PM, 05 July 2023) Total Marks: 1

The following code creates and starts a timer that fires an action event once per

```
Timer t = new Timer (1000, this);  
t.start();
```

Select the correct option

☐ Day

☐ Hour

☐ Minute

☒ Second

Click to Save Answer & Move to Next Question

Question # 1 of 10 (Start time: 03:30:31 PM, 05 July 2023) Total Marks: 1

How many methods are there in the Serializable Interface?

Select the correct option

☐ Zero

☒ Two

☐ One

☐ Three

Socket is a _____ communication channel between hosts.

Select the correct option

- ☐ tri-directional
- ☐ multi-directional
- ☐ uni-directional
- ☒ bi-directional

Question # 9 of 10 (Start time: 01:28:06 PM, 05 July 2023) Total Marks: 1

In GET HTTP Request type, attribute-value pair is attached after _____ with requested URL.

Select the correct option

- ☐ @
- ☐ -
- ☒ ?
- ☐ #