Exam Code: 310-110

Exam Name: Sun Certified Mobile Application Developer

for J2ME. v1.0

Vendor: Sun

Version: DEMO

Part: A

1: During a MIDlet suite installation, a JTWI-compliant device performs the following actions:

      downloads and installs the JAD file

      downloads the JAR file

      fails to install the MIDlet suite

  What is the correct behavior?

A.The device must log the failure in persistent storage.

B.The device must free the space allocated for that MIDlet suite.

C.The device must save the JAD and the JAR file for future upgrading.

D.The device must save the JAD file for future downloads of the same MIDlet suite.

Correct Answers: B

2: Given:

      a JAR containing a MIDlet named TesterMIDlet

      a JAD with this content: CertificationExam:

Sun Certified Mobile Application DeveloperMIDlet-1: TesterMIDlet, , certification.TesterMIDlet MIDlet-Jar-Size: 2038 MIDlet-Jar-URL: Certification.jar MIDlet-Name: Certification MIDlet-Exam Code: A Testing Company MIDlet-Version: 1.0 MicroEdition-Configuration: CLDC-1.0 MicroEdition-Profile: MIDP-2.0

This MIDlet needs to get the property with the key CertificationExam defined in the JAD. This needs to be assigned to a String ExamName from within the MIDlet.startApp() method.

  What is the correct way to accomplish this?

A.String ExamName = System.getProperty("CertificationExam");

B.String ExamName = this.getAppProperty("CertificationExam");

C.String ExamName = System.getProperty("MIDlet-CertificationExam");

D.String ExamName = this.getAppProperty("MIDlet-CertificationExam");

Correct Answers: B

3: A MIDlet has entered the paused state. Which is a valid action to attempt to make it active?

A.The MIDlet calls its own startApp() method.

B.The MIDlet has to wait quietly to be rescheduled.

C.The MIDlet cannot revert back to the active state.

D.The MIDlet calls resumeRequest() through a timer.

Correct Answers: D

4: Which is true regarding the use of Thread objects in a CLDC 1.1 compliant virtual machine?

A.To stop a Thread, a developer can use the stop() method.

B.A Thread can be stopped only from the inside of a MIDlet class.

C.There is no way for one Thread to force another Thread to stop.

D.A Thread lives until it exits from the run() method it invoked at startup.

Correct Answers: D

5: Which is used to retrieve the version of MIDP a device has implemented?

A.System.getProperty("microedition.profiles")

B.System.getProperty("microedition.platform")

C.System.getAppProperty("microedition.platform")

D.System.getAppProperty("microedition.profiles")

E.System.getProperty("microedition.configuration")

Correct Answers: A

6: Given a MIDlet suite with the following JAD file:

1. MIDlet-1: MyMIDlet, MyMIDlet.png, MyMIDlet

2. MIDlet-Jar-Size: 23040

3. MIDlet-Name: MyFirstMIDlet

4. MIDlet-Version: 1.0

5. MIDlet-Jar-URL: http://mywebserver.com/mymidlets/MyMIDlet.jar

6. MIDlet-Exam Code:

MyCompany and manifest file:

1. MIDlet-Name: MyFirstMIDlet

2. MIDlet-Version: 1.1

3. MIDlet-Exam Code: MyCompany

4. MIDlet-1: MyMIDlet, MyMIDlet.png,

MyMIDlet Which is true about the installation?

A.The installation succeeds.

B.The installation fails due to an attribute mismatch.

C.The installation fails because the JAD file is invalid.

D.The installation fails because the manifest is invalid.

Correct Answers: B

7: Which two are true about class file verification as defined by the CLDC specification? (Choose two.)

A.Verification is NOT required.

B.Verification can use a custom implementation.

C.Verification is completed at compile time and no further verification is necessary.

D.Verification can use the same implementation as defined in the JVM specification.

Correct Answers: B D

8: Given the MIDlet code:

12. File f = new File("myFile.txt");

13. FileOutputStream ds = new FileOutputStream(f);

14. OutputStreamWriter os = new OutputStreamWriter(ds);

15. BufferedWriter buf = new BufferedWriter(os);

16. buf.write('c');

What is the result?

A.The code compiles and runs, but line 16 is ignored.

B.Compilation succeeds, but an exception is thrown at runtime.

C.The code compiles and runs, and then writes the character c to the file myFile.txt.
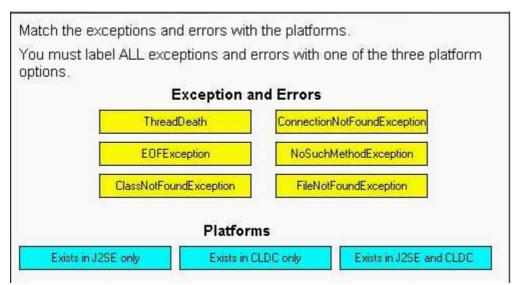
D.Compilation fails because the code uses one or more classes, which are not supported in CLDC 1.1.
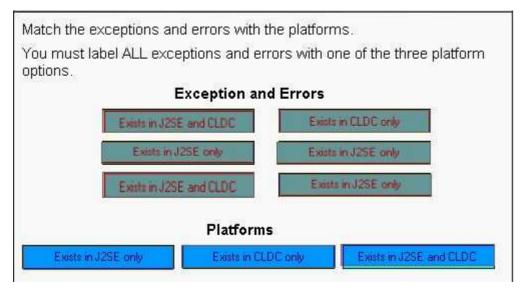
Correct Answers: D

9: Click the Task button.

Match the exceptions and errors with the platforms.

You must label ALL exceptions and errors with one of the three platform options.

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Exception and Errors

ThreadDeath	ConnectionNotFoundException
EOFException	NoSuchMethodException
ClassNotFoundException	FileNotFoundException

Platforms

| Exists in J2SE only | Exists in CLDC only | Exists in J2SE and CLDC |

Correct Answers:

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You must label ALL exceptions and errors with one of the three platform options.

Exception and Errors

Exists in J2SE and CLDC	Exists in CLDC only
Exists in J2SE only	Exists in J2SE only
Exists in J2SE and CLDC	Exists in J2SE only

Platforms

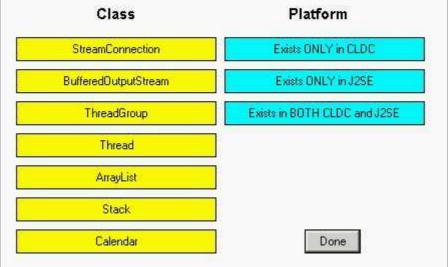| Exists in J2SE only | Exists in CLDC only | Exists in J2SE and CLDC |

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Place the appropriate platform label on the class name. If the class exists in both CLDC and J2SE, choose the "Exists in BOTH..." option, regardless of whether the package names are different.

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Class	Platform
StreamConnection	Exists ONLY in CLDC
BufferedOutputStream	Exists ONLY in J2SE
ThreadGroup	Exists in BOTH CLDC and J2SE
Thread	
ArrayList	
Stack	
Calendar	Done

Correct Answers:

Place the appropriate platform label on the class name.

If the class exists in both CLDC and J2SE, choose the "Exists in BOTH..." option, regardless of whether the package names are different.

Class	Platform
Exists ONLY in J2SE	Exists ONLY in CLDC
Exists ONLY in CLDC	Exists ONLY in J2SE
Exists ONLY in CLDC	Exists in BOTH CLDC and J2SE
Exists in BOTH CLDC and J2SE	
Exists ONLY in CLDC	
Exists in BOTH CLDC and J2SE	
Exists in BOTH CLDC and J2SE	Done