Question 1

Question text

State weather the following statement is true or false for EJB.

1. EJB exists in the middle-tier

2. EJB specifies an execution environment

3. EJB supports transaction processing

a. 1-true, 2. true, 3. true
b. 1- true, 2. false, 3. true
c. 1-true, 2-true, 3-false
d. 1- false, 2- false, 3- false

The correct answer is: 1-true, 2. true, 3. true

Question 2

Question text

Which command would append a file called test to the end of file output

a. cat test >> output

B. write output >> test

C. append output >> test

D. cat output >> test

Question 3

Question text

public class MyClass // more code… } To instantiate MyClass, you would write?{=MyClass mc = new MyClass(); ~MyClass mc = MyClass(); ~MyClass mc = MyClass; ~MyClass mc = new MyClass;}

Answer:

Question 4

Question text

The command line to display the command output to terminal, ignore all errors is

a. 1>/dev/null
b. 2>/dev/null
c. >null
d. &>null

Question 5

Question text

Which of the following is correct about dependency injection?

   a. It helps in decoupling application objects from each other.
   b. It stores objects states in database.
   c. It helps in deciding the dependencies of objects.
   d. It stores object states in file system.

The correct answer is: It helps in decoupling application objects from each other.

Question 6

Question text

Which driver uses ODBC driver to connect to the database

   a. network protocol driver
   b. native- api driver
   c. thin driver
   d. jdbc-odbc bridge driver

The correct answer is: jdbc-odbc bridge driver

Question 7

Question text

Help about command is found in the

a. man pages
b. helping pages
c. By pressing F2
d. None of these

The correct answer is: man pages

Question **8**

Question text

What is the output of the following code:

class eq

{

public static void main(String args[])

{

String s1 = "Hello";

String s2 = new String(s1);

System.out.println(s1==s2);

```
}



}
```

a. 0
b. True
c. False
d. Hello

The correct answer is: False

Question 9

Question text

_____ is used to separate multiple commands on same line

a. semi-colon(;)
b. Enter
c. Tab
d. Escape

The correct answer is: semi-colon(;)

Question 10

Question text

What is the output of the following code: class eq }{=0 ~1 ~0 ~Hello}

Answer:

Question **11**

Question text

You have several plain-text firewall logs that you must review to evaluate network traffic. You know that in order to do fast, efficent searches of the logs you must use regular express. Which comman-line utility are you most likely to use

    a. RDBMS
    b. ms excel
    c. notepad
    d. Grep

Question **12**

Question text

Which of the following is true about servlets?

    a. Servlets execute within the address space of web server, platform independent and uses the functionality of java class libraries
    b. Servlets can use the full functionality of the Java class libraries
    c. Servlets are platform-independent because they are written in java

d. Servlets execute within the address space of web server

Question **13**

Question text

Which of the following is not the java primitive type

a. Float
b. Character
c. Byte
d. Long double

Question **14**

Question text

Which vi editor command copies the current line of file ?

a. yw
b. yy
c. dd
d. pp

Question 15

The JDBC-ODBC bridge allows ……….. to be used as ………..

   a. Drivers, Application
   b. ODBC drivers, JDBC drivers
   c. JDBC drivers, ODBC drivers
   d. Application, drivers

The correct answer is: ODBC drivers, JDBC drivers

Question 16

Which of the following is true?

   a. A finally block is executed whether an exception is thrown or not.
   b. A finally block is executed, only after the catch block is executed.
   c. A finally block is executed before the catch block but after the try block.
   d. A finally block is executed, only if an exception occurs.

The correct answer is: A finally block is executed whether an exception is thrown or not.

Question 17

Question text

Command to display the system fully qualified host name is

    a.   cat /etc/hosts
    b.   show hostname
    c.   hostnamectl
    d.   cat /etc/resolv.conf

The correct answer is: hostnamectl

Question 18

Question text

Which of the following command would you use to change your password in system

    a.   chpass
    b.   password
    c.   set password
    d.   passwd

The correct answer is: passwd

Question 19

Question text

Members of a class specified as ……………….. are accessible only to methods of that class.

a. Public
b. Protected
c. Private
d. Final

The correct answer is: Private

Question **20**

Question text

public class MyClass

{

public MyClass(){/code/}

// more code…

}

To instantiate MyClass, you would write?

a. MyClass mc = new MyClass();
b. MyClass mc = MyClass();
c. MyClass mc = new MyClass;

d.   MyClass mc = MyClass;

Question **21**

Question text

Which of the following statements are valid array declarations?

a.   counter int[];
b.   int number();
c.   float average[];
d.   double[] marks;

Question **22**

Question text

Which exception is thrown when java is out of memory?

a.   MemoryFullException
b.   OutOfMemoryError
c.   MemoryOutOfBoundsException
d.   MemoryError

Question **23**

Question text

System authentication logs are stored in _____ file

    a.   /var/log/dmesg
    b.   /var/log/wtmp
    c.   /var/log/secure
    d.   /var/log/messages

The correct answer is: /var/log/secure

Question **24**

Question text

Inner classes are

    a.   derived classes
    b.   sub classes
    c.   nested classes
    d.   anonymous classes

The correct answer is: nested classes

Question **25**

Question text

_____ command is used to stop the execution of program in linux

    a.   stop
    b.   bg

c. ps aux
d. kill

Question **26**

Question text

……………. are not machine instructions and therefore, Java interpreter generates machine code that can be directly executed by the machine that is running the Java program.

A) Compiled Instructions

a. Compiled Instructions
b. Java mid code
c. Compiled code
d. byte code

Question **27**

Question text

The correct order of the declarations in a Java program is,

a. Import statement, class declaration, package declaration
b. Package declaration, import statement, class declaration

  c. Class declaration, import statement, package declaration
  d. Import statement, package declaration, class declaration

The correct answer is: Package declaration, import statement, class declaration

Question **28**

Question text

Java compiler javac translates Java source code into ……………

  a. Platform dependent code.
  b. Byte code
  c. Assembler language
  d. Machine code

The correct answer is: Byte code

Question **29**

Question text

Which of the following is not an OOPS concept in Java?

  a. Polymorphism
  b. Compilation
  c. Encapsulation
  d. Inheritance

The correct answer is: Compilation

Question text

Which of the following is a superclass of every class in Java?

a. Abstract class
b. String
c. ArrayList
d. Object class

The correct answer is: Object class

Question text

Which exception is thrown when java is out of memory?

a. MemoryError
b. MemoryOutOfBoundsException
c. MemoryFullException
d. OutOfMemoryError

The correct answer is: OutOfMemoryError

Question text

Which one of the following is not true?

a. Abstract methods should be implemented in the derived class.
b. An abstract class cannot have non-abstract methods.
c. A class containing abstract methods is called an abstract class.
d. A class must be qualified as 'abstract' class, if it contains one abstract method.

The correct answer is: An abstract class cannot have non-abstract methods.

Question **3**

Question text

_____ command is used to stop the execution of program in linux

a. stop
b. ps aux
c. kill
d. bg

The correct answer is: kill

Question **4**

Question text

The permission -rwxr--r-- represented in octal expression will be

a. 644

b. 744
c. 711
d. 765

Question 5

Question text

Command to display the system fully qualified host name is

a. cat /etc/hosts
b. hostnamectl
c. show hostname
d. cat /etc/resolv.conf

Question 6

Question text

Sam is working as a system admin of a XYZ company. He noticed that his servers are not responding to client request adequately for the last 5 minutes. He wish to find out the running load on servers, what command he should use

a. ps
b. ps aux
c. uptime
d. load

Question text

Which vi editor command copies the current line of file ?

     a. dd
     b. yw
     c. pp
     d. yy

The correct answer is: yy

Question text

What is the output of the following code:

class eq

{

public static void main(String args[])

{

String s1 = "Hello";

```
String s2 = new String(s1);



System.out.println(s1==s2);



}



}
```

      a. False
      b. True
      c. 0
      d. Hello

The correct answer is: False

Question 9

Question text

System authentication logs are stored in _____ file

      a. /var/log/secure
      b. /var/log/dmesg
      c. /var/log/wtmp
      d. /var/log/messages

The correct answer is: /var/log/secure

Question 10

Question text

Narendra want to make a shortcut of documents folder stored at location "/home/user/Documents/Office" on his Desktops using command line. What command he should be using to do so

    a. ls -s /home/user/Documents/Office Desktop/

B. ln -s /home/user/Documents/Office Desktop/

C. ln -s /home/user/Documents/Office /home/user/Desktop

D. ls -s /home/user/Documents/Office /home/user/Desktop

The correct answer is: ln -s /home/user/Documents/Office /home/user/Desktop

Question **11**

Question text

Which of the following is true?

    a. A finally block is executed, only if an exception occurs.
    b. A finally block is executed whether an exception is thrown or not.
    c. A finally block is executed, only after the catch block is executed.
    d. A finally block is executed before the catch block but after the try block.

The correct answer is: A finally block is executed whether an exception is thrown or not.

Question **12**

Question text

Java compiler javac translates Java source code into ……………

    a.   Assembler language
    b.   Byte code
    c.   Machine code
    d.   Platform dependent code.

The correct answer is: Byte code

Question 13.

Question text

The JDBC-ODBC bridge allows ……….. to be used as ………..

    a.   ODBC drivers, JDBC drivers
    b.   Drivers, Application
    c.   Application, drivers
    d.   JDBC drivers, ODBC drivers

The correct answer is: ODBC drivers, JDBC drivers

Question **14**

Question text

State weather the following statement is true or false for EJB.

1. EJB exists in the middle-tier

2. EJB specifies an execution environment

3. EJB supports transaction processing

a. 1- true, 2. false, 3. true
b. 1- false, 2- false, 3- false
c. 1-true, 2. true, 3. true
d. 1-true, 2-true, 3-false

The correct answer is: 1-true, 2. true, 3. true

Question **15**

Question text

Members of a class specified as ……………….. are accessible only to methods of that class.

a. Protected
b. Private
c. Public
d. Final

Feedback

The correct answer is: Private

Question **16**

Question text

Which of the following is true about Java.

  a. All of the given
  b. Java has replaced the destructor function of C++
  c. Java does not support overloading.
  d. There are no header files in Java.

The correct answer is: All of the given

Question **17**

Question text

Which of the following is not the java primitive type

  a. Byte
  b. Long double
  c. Float
  d. Character

The correct answer is: Long double

Question **18**

Question text

The correct order of the declarations in a Java program is,

  a. Class declaration, import statement, package
      declaration

b. Package declaration, import statement, class declaration
c. Import statement, class declaration, package declaration

d. Import statement, package declaration, class declaration

The correct answer is: Package declaration, import statement, class declaration

Question **19**

Question text

What is the extension of compiled java classes?

a. .java
b. .js
c. .class
d. .txt

The correct answer is: .class

Question **20**

Question text

Which of the following command would you use to change your password in system

a. chpass
b. set password
c. password
d. passwd

Question **21**

question text

_____ is used to separate multiple commands on same line

    a.   semi-colon(;)
    b.   Tab
    c.   Enter
    d.   Escape

Question **22**

Question text

Which of the following is a superclass of every class in Java?

    a.   ArrayList
    b.   Abstract class
    c.   String
    d.   Object class

Question **23**

Question text

What is garbage collection in the context of Java?

    a. Any package imported in a program and not used is automatically deleted.
    b. When all references to an object are gone, the memory used by the object is automatically reclaimed.
    c. The operating system periodically deletes all the java files available on the system.
    d. The JVM checks the output of any Java program and deletes anything that doesn't make sense.

The correct answer is: When all references to an object are gone, the memory used by the object is automatically reclaimed.

Question **24**

Question text

Which of the following is correct about dependency injection?

    a. It helps in decoupling application objects from each other.
    b. It stores objects states in database.
    c. It helps in deciding the dependencies of objects.
    d. It stores object states in file system.

The correct answer is: It helps in decoupling application objects from each other.

Question **25**

Question text

Which component is used to compile, debug and execute the java programs?

    a. JDK
    b. JVM
    c. JIT
    d. JRE

The correct answer is: JDK

Question **26**

Question text

Which of the following is not an OOPS concept in Java?

    a. Encapsulation
    b. Compilation
    c. Polymorphism
    d. Inheritance

The correct answer is: Compilation

Question **27**

Question text

The command javac

    a. Converts a java program into binary code
    b. Converts a java program into machine language
    c. Converts a java program into bytecode

d.   None of the given

Question **28**

Question text

Which method is used for SQL statement that is executed frequently?

a.   None of the above
b.   prepare statement
c.   prepare call
d.   create statement

Question **29**

Question text

Command to list the contents of current location in long format along with hidden files is

a.   ls -al
b.   display -l
c.   ls -l
d.   show all

Question **30**

Question text

Which driver uses ODBC driver to connect to the database

    a.   thin driver
    b.   network protocol driver
    c.   native- api driver
    d.   jdbc-odbc bridge driver

The correct answer is: jdbc-odbc bridge driver