View Practical Examination

Examination ID : 595304

View

Exam Id : **595304**
Term Name : **ACCP-Term 02**
Module Name : **Java Programming -I**
Exam Date : **6/13/2018**
Duration : **25 minutes**
Total Mark : **20**

View student result

STUDENT ANSWER SHEET

1. **Which of the following are the advantages of static methods?** *[1 Mark(s)]*

A. Static methods can be invoked by using the class name directly.
B. Static methods can be re-defined in instances.
C. Static methods can be only hidden.
D.
E.
F.

2. _____ **variables can be accessed only by using an object reference.** *[1 Mark(s)]*

A. Class
B. Global
C. Instance
D. Local
E.
F.
G.

3. _____ **variables are created and declared only when a method is called.** *[1 Mark(s)]*

A. Class
B. Global
C. Instance
D. Local
E.
F.
G.

4. **When _____ keyword is used, an exception is manually encountered after performing some validation in a program.** *[1 Mark(s)]*

A. drop
B. exception
C. throw
D. validate
E.
F.
G.

5. _____ **is a Java statement that enables a developer to check the assumptions made by an application.** *[1 Mark(s)]*

A. Assertion
B. Assumption
C. Application

6. **What is a function of a while statement?** *[1 Mark(s)]*

A. Test the result of the boolen expression
B. Avoid the conflicts between inner and outer switches
C. Repeat a block of code while the condition is true

7. **What is a method?** *[1 Mark(s)]*

A. General way to perform a task.
B. Named sequence of statements to perform specific task.
C. Container to store fields.
D.
E.
F.
G.

8. _____ **of a class will have common state and behavior.** *[1 Mark(s)]*

A. Procedures
B. Elements
C. Methods
D. Objects
E.
F.
G.

9. **With the help of foundation class libraries in Java, you can perform which of the following tasks?** *[1 Mark(s)]*

A. Write code that can be moved from one platform to another.
B. Use libraries in various classes.
C. Produce a special format known as bytecode.
D. Check casting of objects from one type to another at runtime.
E.
F.
G.

10. **Java as a programming language, provides several layers of security control. In the _____layer, the class loader ensures that the class does not violate the access restrictions.** *[1 Mark(s)]*

A. 1st layer
B. 2nd layer
C. 3rd layer
D. 4th layer
E.
F.
G.

11. **What will be the output for the below code?** *[0.5 Mark(s)]*

```
class A
{
 public static void main(String str[])
 {
  System.out.println(5*7/3);
 }
}
```

A. 11.5
B. 11
C. Syntax Error
D. Program will execute successfully, but will not display anything.

12. **What will be the output for the below code?** *[0.5 Mark(s)]*

```
Class A
{
 public static void main(String str[])
 {
  System.out.println(2(*10)/3);
 }
}
```

A. 6
B. 6.6
C. Syntax Error
D. Program will execute successfully, but will not display anything.

13. **Which of the following are the correct declarations of the array?** *[0.5 Mark(s)]*

1. char[] str;
2. char[] str = new char[15]
3. char[] str = new {'A', 'B'};

A. 1, 2
B. 2, 3
C. 1, 3
D. 1, 2, 3

14. **The below given definition is of which types of Sorting method?** *[0.5 Mark(s)]*

"Match the element in the middle of the sorted array. If the search value is equal to the middle element, the search is finished. If the search value is less than the middle element, then search is performed on the first half of the array else if value is greater, then search is performed on the second half of the array."

A. Sequential search

B. Binary search
C. Bubble search
D. None of the above.

15. **Which of the following classes represents growable and writable character sequences? It represents a mutable sequence of characters.** *[0.5 Mark(s)]*

A. StringBuilder
B. String
C. Mutable

16. **Which of the following modifiers can be applied only to methods of a class, and indicates that the implementation of the method is outside the class?** *[0.5 Mark(s)]*

A. volatile
B. native
C. transient
D. None of the above.

17. **What will be the output for the below code?** *[0.5 Mark(s)]*

```
class xyz {
   public static void main(String args[]) {
      int i,j,k;

      for (i = 0; i < 3; i++) {
         for(j=1; j < 4; j++) {
            for(k=2; k<5; k++) {
               if((i == j)   && (j==k))
                  System.out.println(i);
            }
         }
      }
   }
}
```

A. 0
B. 1
C. 2
D. 3

18. **Which of the following types of variable is declared inside a class but outside any method?** *[0.5 Mark(s)]*

A. Primitive variable
B. Instance variable
C. Auto variable
D. Local variable

19. **Which of the following types of variable can be accessed only by using an object reference?** *[0.5 Mark(s)]*

A. Instance variables
B. Class variables
C. Object variables
D. All of the above.

20. **Which of the following are the examples of the checked exceptions?** *[0.5 Mark(s)]*

A. Requesting for missing files
B. Invalid user input
C. Network failure
D. Accessing an element beyond the maximum length of an array

21. **The _____ method of the string class returns the index of the first occurrence of the specified character or string within a string.** *[1 Mark(s)]*

A. Concat()
B. CharAt()
C. indexOf()

22. **The _____ method of the stringTokensizer class returns true if there is at least one token in the string after the current position.** *[1 Mark(s)]*

A. lastIndexOf()
B. toString()
C. substring()

23. **The _____ method of the StringTokenizer class returns true if there is at least one token in the string after the current position** *[1 Mark(s)]*

A. hasMoreTokens()
B. hasMoreElements()
C. countTokens()

24. **Logical operators work with _____ operands.** *[2 Mark(s)]*

A. Boolean
B. Signed
C. Unsigned

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STUDENT ANSWER SHEET
1. **The parent of a dialog box is typically the _____.** *[1 Mark(s)]* A. Jdialog B. JPanel C. JFrame D. JOptionPane
2. **The _____ Manager places the components in terms of rows and columns.** *[1 Mark(s)]* A. GridLayout B. BorderLayout C. CardLayout D. FlowLayout
3. **A _____ is a class used to represent a menu on a menu bar.** *[1 Mark(s)]* A. JMenuBar B. JMenu C. MenuBar

D. JMenuItem

4. **Swing provides the _____ class to create filters.** *[1 Mark(s)]*

A. javax.swing.FileFilter
B. javax.swing.filechooser.Filter
C. javax.swing.filechooser.FileFilter

5. **The _____ method is used to retrieve the setting of the connection timeout of the URL in milliseconds.** *[0.5 Mark(s)]*

A. getContentType()
B. getConnectTimeout()
C. setConnectTimeout()

6. **A timeout value of zero of the setConnectTimeout() method indicates** *[0.5 Mark(s)]*

A. Infinite timeout
B. Opening a communication link to the resource referenced
C. An exception raised

7. **In the InetAddress() method the local address is returned as a** *[0.5 Mark(s)]*

A. IP address
B. URL address
C. ServerSocket address

8. **The exportObject() method belongs to the** *[0.5 Mark(s)]*

A. LocateRegistry class
B. Naming class
C. UnicastRemoteObject class

9. **The _____ method of the UnicastRemoteObject class is used to remove the remote object from runtime.** *[0.5 Mark(s)]*

A. Object()

B. unexportObject()
C. unimportObject()

10. **The _____ method of the Session class is used to retrieve the default session object.** *[0.5 Mark(s)]*

A. getDefaultInstance()
B. getInstance()
C. getProperty()

11. **The getSize() method of the Folder class may not return the exact size of the contents if the message has _____.** *[0.5 Mark(s)]*

A. coded contents
B. encoded contents
C. decoded contents

12. **The list() method of Naming class is used to retrieve all the names bound to a _____.** *[0.5 Mark(s)]*

A. IP address
B. rmi-registry
C. socket

13. **The _____ method of the ServerSocket class is used to retrieve the binding state of the server socket.** *[0.5 Mark(s)]*

A. isBound()
B. Close()
C. getInetAddress

14. **The getContentLength() method is used to** *[0.5 Mark(s)]*

A. Retrieve the content length of the resource that is referenced by the URL connection
B. Returns -1 if the content length is known
C. Returns 0 if the content length is invalid

15. **The _____ class is used to specify the initial position from where to start parsing.** *[0.5 Mark(s)]*

A. ParsePosition
B. Parse
C. Position

16. **_____is based on Model-View-Controller architecture.** *[0.5 Mark(s)]*

A. Swing
B. AWT
C. Applet

17. **Which of the following method is used to specify automatic gap among the component and the container?** *[1 Mark(s)]*

A. setAutoCreateGaps(true)
B. setAutoCreateGapsSpace(true)
C. setAutoCreateContainerGaps(true)
D. setAutoCreateComponentGaps(true)

18. **For customized print layouts one has to override the ____ method** *[1 Mark(s)]*

A. getPrintable()
B. setPrintArea()
C. getPrintArea()
D. getCustomPrint()

19. **A javax.mail.Session object can be created by invoking the static _____ method.** *[1 Mark(s)]*

A. getInstance()
B. getProperties()
C. getSession()
D. initiateSession()

20. **Which of the following describes Heavyweight components?** *[1 Mark(s)]*

A. Platform dependent
B. Abstract Window Toolkit
C. GUI based application
D. Platform independent

21. **A _____ is similar to a JMenuItem with the additional feature of selecting and deselecting them.** *[1 Mark(s)]*

A. JCheckBoxMenuItem
B. JCheckBoxMenu
C. JMenuItem
D. JMenuList

22. **The JColorChooser has a method _____ which returns an object of the ColorSelectionModel interface.** *[1 Mark(s)]*

A. getSelectedModel()
B. getModelSelection()
C. getSelectionModel()
D. getSelection()

23. **Which method is used to select multiple items programmatically?** *[1 Mark(s)]*

A. setSelectedIndices(int[] indices)
B. setSelectedIndex(int index)
C. setListData(Object[] items)
D. setSelectedIndex(int[] indices)

24. **Which of the following method is used to specify the preferred gap between a component and the container border?** *[1 Mark(s)]*

A. addGap()
B. addPreferredGap()
C. addComponentGap()
D. addContainerGap()

25. **Which of the following code snippets attaches a row filter to a JTable?** *[2 Mark(s)]*

A)

```
...
// createTableModel() is //user-defined method
TableModel model = createTableModel();
TableRowSorter sorter =
new TableRowSorter(model);
sorter.setRowFilter(RowFilter.regexFilter(".^A.*"));
JTable table = new JTable(myModel);
table.setRowSorter(sorter);
...
```

B)

```
...
// createTableModel() is user-//defined method
TableSorterModel model = createTableModel();
TableRowSorter sorter =
new TableRowSorter(model);
sorter.setFilter(RowFilter.regexFilter(".^A.*"));
JTable table = new JTable(myModel);
table.setRowSorter(sorter);
...
```

C)

```
...
// createTableModel() is user-//defined method
TableModel model = createTableModel();
TableSorter sorter =
new TableSorter(model);
sorter.setFilter(RowFilter.regFilter(".^A.*"));
JTable table = new JTable(myModel);
table.setRowSorter(sorter);
...
```

D)

```
...
// createTableModel() is user-defined //method
TableModel model = createTableModel();
TableSorter sorter =
new TableSorter(model);
sorter.setFilter(RowFilter.regexFilter(".^A.*"));
JTable table = new JTable(myModel);
table.setRowSorter(sorter);
...
```

A. A
B. B
C. C
D. D