

Name: Roll no: Date:

Q.134 Which of the following is not true?

- (a) An interface can extend another interface.
- (b) A class which is implementing an interface must implement all the methods of the interface.
- (c) An interface can implement another interface.
- (d) An interface is a solution for multiple inheritance in java.

Q.135. What is the output of the following program:

```
public class testmeth
{
    static int i = 1;
    public static void main(String args[])
    {
        System.out.println(i+" , ");
        m(i);
        System.out.println(i);
    }
    public void m(int i)
    {
        i += 2;
    }
}
```

- (a) 1 , 3
- (b) 3 , 1
- (c) 1 , 1
- (d) 1 , 0

Q.136 What will be printed as the output of the following program?

```
public class testincr
{
    public static void main(String args[])
    {
        int i = 0;
        i = i++ + i;
        System.out.println("I = " +i);
    }
}
```

- (a) I = 0
- (b) I = 1
- (c) I = 2
- (d) I = 3

Q137. To prevent any method from overriding, we declare the method as,

- (a) static
- (b) const
- (c) final
- (d) abstract

Q138. What is the type and value of the following expression? (Notice the integer division)

$-4 + 1/2 + 2*-3 + 5.0$

- (a) int -5
- (b) double -4.5
- (c) int -4
- (d) double -5.0

Q139. What is garbage collection in the context of Java?

- (a) The operating system periodically deletes all the java files available on the system.
- (b) Any package imported in a program and not used is automatically deleted.
- (c) When all references to an object are gone, the memory used by the object is automatically reclaimed.
- (d) The JVM checks the output of any Java program and deletes anything that doesn't make sense.
- (e) Janitors working for Sun Micro Systems are required to throw away any Microsoft documentation found in the employees' offices.

Q140. 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) true (b) false (c) 0 (d) 1 (e) Hello.

Q141. The correct order of the declarations in a Java program is,

- (a) Package declaration, import statement, class declaration
- (b) Import statement, package declaration, class declaration
- (c) Import statement, class declaration, package declaration
- (d) Class declaration, import statement, package declaration
- (e) Class declaration, package declaration, import statement.

Q142. In java, objects are passed as

- (a) Copy of that object (b) Method called call by value
- (c) Memory address (d) Constructor
- (e) Default constructor.

Q143. Mark the incorrect statement from the following:

- (a) Java is a fully object oriented language with strong support for proper software engineering techniques
- (b) In java it is not easy to write C-like so called procedural programs
- (c) In java language objects have to be manipulated
- (d) In java language error processing is built into the language
- (e) Java is not a language for internet programming.

Q144. Which of the following is not a component of Java Integrated Development Environment (IDE)?

- (a) Net Beans (b) Borland's Jbuilder (c) Symantec's Visual Café (d) Microsoft Visual Fox Pro
- (e) Microsoft Visual J++.

Q145. Identify, from among the following, the incorrect variable name(s).

- (a) _theButton (b) \$reallyBigNumber (c) 2ndName (d) CurrentWeatherStateofplanet
- (e) my2ndFont.

Use the following declaration and initialization to evaluate the Java expressions given in questions 5 - 8;

int a = 2, b = 3, c = 4, d = 5;

float k = 4.3f;.

Q146. System.out.println(- -b * a + c *d - -);

- (a) 21 (b) 24 (c) 28 (d) 26 (e) 22.

Q147. System.out.println(a++);

- (a) 3 (b) 2 (c) 4 (d) 10 (e) Syntax error.

Q148. System.out.println (-2U * (g - k) +c);

- (a) 6 (b) 3 (c) 2 (d) 1 (e) Syntax error.

Q149. System.out.println (c=c++);

- (a) 2 (b) 4 (c) 5 (d) 8 (e) Syntax error.

Q150. An applet cannot be viewed using

- (a) Netscape navigator (b) Microsoft Internet Explorer
- (c) Sun' Hot Java Browser (d) Applet viewer tool which comes, with the Java Development Kit.
- (e) Jbuilder.

Q151. In object-oriented programming, the process by which one object acquires the properties of another object is called

- (a) Encapsulation (b) Polymorphism (c) Overloading (d) Inheritance

Q152. Consider the following statements about Java packages:

I. Packages don't provide a mechanism to partition all class names into more manageable chunks.

II. Packages provide a visibility control mechanism.

III. One of the important properties of a package is that all classes defined inside a package is accessible by code outside that package.

IV. The .class files for classes declared to be part of a package can be stored in multiple directories.

Which of them is correct?

- (a) Only (I) above (b) Only (II) above
(c) Only (III) above (d) Only (IV) above
(e) All (I), (II), (III) and (IV) above are wrong.

Q153. Consider the following statements:

I. A class can be declared as both abstract and final.

II. A class declared as final can be extended by defining a subclass.

III. Resolving calls to methods dynamically at run-time is called late binding.

IV. The class Object defined by Java need not be a super class of all other classes.

Identify the correct statement from the following:

- (a) Both (I) and (II) above (b) Both (III) and (IV) above
(c) Both (I) and (III) above (d) Both (II) and (IV) above
(e) Only (III) above.

154. Identify, from among the following, the incorrect descriptions related to Java :

(a) Java Virtual Machine translates byte code into its own system's machine language and runs the resulting machine code

(b) The arithmetic operations *, /, %, + and - have the same level of precedence

(c) Comments do not cause any action to be performed during the program execution

(d) All variables must be given a type when they are declared

(e) Java variable names are case-sensitive.

Q155. Consider the following statement(s) about Java:

I. All white-space characters (blanks) are ignored by the compiler.

II. Java keywords can be used as variable names.

III. An identifier does not begin with a digit and does not contain any spaces.

IV. The execution of Java applications begins at method main.

Which of them is correct?

- (a) Both (I) and (III) above (b) Both (II) and (IV) above
(c) Both (I) and (II) above (d) (III) and (IV) above
(e) All (I), (II), (III) and (IV) above.

Q156. Consider the following data types in Java :

I. Int II. Boolean III. Double IV. String V. Array.

Which of them are simple data types?

- (a) Both (I) and (II) above (b) (I), (II), (III) and (IV) above
(c) (I), (II) and (III) above (d) (II) and (III) above

(e) All (I), (II), (III), (IV) and (V) above.

Q157. Consider the following Java program :

```
public class Compute {
    public static void main (string args [ ])
    {
        int result, x ;
        x = 1 ;
        result = 0;
        while (x <= 10) {
            if (x%2 == 0) result += x ;
            ++ x ;
        }
        System.out.println(result) ;
    }
}
```

Which of the following will be the output of the above program?

(a) 55 (b) 30 (c) 25 (d) 35 (e) 45.

Q158. Which of the following statements about Java Threads is correct?

- (a) Java threads don't allow parts of a program to be executed in parallel
- (b) Java is a single-threaded language
- (c) Java's garbage collector runs as a high priority thread
- (d) Ready, running and sleeping are three states that a thread can be in during its life cycle
- (e) Every java application is not multithreaded.

Q159. What is ActiveX?

A.ActiveX software Framework B.ActiveX is Language C.ActiveX is a Scripting D.None

Q160. Other Name of ActiveX Module is:

A.ActiveX Document B.ActiveX Scripting C.jQuery D.ActiveX Controls.

Q161. ActiveX Control are Similer:

A. Asp b.SQL c.java Applet D.none

Q162. Which statement is correct?

- A.Google Chrome does not natively support ActiveX
- B. ActiveX is dependent on Microsoft Windows operating systems.
- C.ActiveX is not still supported as of Windows 10.
- D. ActiveX is supported in their default web browser Microsoft Edge

Q163. who was developer of ActiveX?

A. Microsoft B.Apple C.IBM D.none.

Q164. Which Tague hold HTML in ActiveX Scripting?

A.<html></html> B.<% and %></% and %> C.<SCRIPT></SCRIPT> D.none

Q.165. 1) Which language is used to create an ASP.NET code file?

A.Visual Basic B.C# C.C++ D.All of the above

Q166. Which property is used to name a web control?

A.ControlName B.Designation C.ID D.Name

Q167. Which user action will not generate a server-side event?

A.Mouse Movenno B.Text Changeno C.Button Clickno D.All of the abovenno

Q168. The ASP and JSP technologies are quite similar in the way they support the creation of Dynamic pages, using HTML templates, scripting code and components for business logic.

A.True B.False

Q.169.Which can generate HTML dynamically on the client but can hardly interact with the web server to perform complex tasks like database access and image processing etc. in JSP?

a. vs.Static HTMLb. vs.Server-Side Includes c. vs.Pure Servlets d. Vs.JavaScript

Q170. Computer jargon, WWW stands for

A. world wide web worm B. world wide wildlife web C. world wide women's web D. world wide women's week

Q171.Protocol which assigns IP address to client connected in internet is

A.DHCP B.IP C.RPC D.HTML

Q172. HTML is derived from

A.URL B.TCP/IP C.SGML D.XML

Q173.HTML is considered as a

A.high-level language B.mid-level language C.low-level language D. markup language

Q174.All of following are modes of a standard graphical FTP client, except

A.auto B. binary C. GIF D. ASCII

Q175.HTML was first proposed in

A. 1995 B. 1990 C. 1998 D. 1980

Q176.HTML program can be read and rendered by

A. compilerB. web browser C. server D. interpreter

Q177.HTML markup language is a set of markup

A.tags B.attributes C.groups D.Sets

Q178.A Web page is made up of two parts

A. Header and Footer B. Text and Number C. Document and Body D. Head and Body

Q179.Uniform Resource Locator (URL), is a standard for specifying any kind of information on the

A.Server-End B.Client-End C.WebPage D.Internet

Q180.Webpages are stored at the

A.Server B.Client C.Domain D.Mail Server

Q181.Uniform Resource Locator (URL), defines four things: protocol, host computer, port and

A.Path B.Page C.Program D.Access

Q182.Hypertext Markup Language (HTML) is a language for creating

A.Networks B.Webpages C.ProtocolsD.All of Above

Q.183.Which one of the following statements is false? (2%)

A. In JavaScript, identifier names are case sensitive.

B. JavaScript code can appear in both <head> and <body> sections.

C. External JavaScript file can be linked using the <link> element.

D. JavaScript can be turned off by the users concerning of security.

Q184.Arrange the steps involved in developing and testing the applet in correct order.

i) creating an executable applet (.classfile)

ii) preparing <APPLET> tag

iii) creating HTML file

iv) building an applet code (.java file)

v) testing the applet code

A) 1-i, 2-ii, 3-iii, 4-iv, 5-v

B) 1-ii, 2-iii, 3-iv, 4-v, 5-i

C) 1-iv, 2-i, 3-ii, 4-iii, 5-v

D) 1-iii, 2-iv, 3-v, 4-i, 5-ii

Q185.Text field can be created by which of the following methods.

- ii) TextFieldString()
- iv) TextField(string, int)

A) i, ii and iii only
B) ii, iii and iv only
C) i, ii and iv only
D) All i, ii, iii and iv

Q186. In java applet, we can display numerical values by first converting them into string and then using the method.

A) paint() B) drawstring() C) draw() D) convert()

Q187.What will be the output?

```
class A
{
    int i = 10;
}
class B extends A
{
    int i = 20;
}
public class MainClass
{
    public static void main(String[] args)
    {
        A a = new B();
        System.out.println(a.i);
    }
}
```

Q188.How many objects of a given class can there be in a program?

a. One per defined class. b. One per constructor definition.

c. As many as the program needs. d. One per main() method.

Q189. Which of the following is NOT an advantage to using inheritance?

a. Code that is shared between classes needs to be written only once.

b. Similar classes can be made to behave consistently.

c. Enhancements to a base class will automatically be applied to derived classes.

d. One big superclass can be used instead of many little classes.

Q190. Can an object be a subclass of another object?

a. Yes---as long as single inheritance is followed.

b. No---inheritance is only between classes.

c. Only when one has been defined in terms of the other.

d. Yes---when one object is used in the constructor of another.

