

SAMPLE QUESTION SEMESTER III JAVA PROGRAMMING

Sr. No.	Question	Option a	Option b	Option c	Option d
1	Which of the following is not a Java features?	a. Dynamic	b. Architecture Neutral	c. Use of pointers	d. Object-oriented
2	Evaluate the following Java expression, if x=3, y=5, and z=10: ++z + y - y + z + x++	a. 24	b. 23	c. 20	d. 26
3	<p>What will be the output of the following Java code?</p> <pre> class cuboid { int l; int b; int h; int v; cuboid () { l = 6; b = 5; h = 6; } void volume() { v = l*b*h; } } class constructor_output { public static void main(String args[]) { cuboid o = new cuboid(); o.volume(); System.out.println(o.volume); } } </pre>	a. 100	b. 180	c. 200	d. 270

4	<p>What will be the output of the following Java program?</p> <pre>class hello { public static void main(String args[]) { String o = "I" + "am" + "Indian"; System.out.println(o); } }</pre>	a. I	b. am	c. amIndian	d. IamIndian
5	Which of the following is the correct way of importing an entire package 'pkg'?	a. import pkg.	b. Import pkg.	c. import pkg.*	d. Import pkg.*
6	What are generic methods?	a. Generic methods are the methods defined in a generic class	b. Generic methods are the methods that extend generic class methods	c. Generic methods are methods that introduce their own type parameters	d. Generic methods are methods that take void parameters
7	Which of these is an correct way making a list that is upper bounded by class Number?	a. List<? extends Number>	b. List<extends ? Number>	c. List(? extends Number)	d. List(? UpperBounds Number)
8	What needs to be implemented to use lambda expression	a. Functional interface	b. Functional class	c. Functional method	d. Functional object
9	<pre>class Main { public static void main(String args[]) { int x = 0; int y = 5; int z = y/x; } }</pre>	a. Compiler Error	b. Compiles and runs fine	c. Compiles fine but throws ArithmeticException	d. Compiles fine but throws ArrayIndexOutOfBoundsException

10	<p>Output of code: class Exep extends Exception { }</p> <pre> class Main { public static void main(String args[]) { try { throw new NullPointerException("demo"); } catch(NullPointerException t) { System.out.println("Got the Exception"); } finally { System.out.println("hi I am finally block "); } } } </pre>	a. Got the Exception	b. hi I am finally block	c. Compile time error	d. Got the Exception hi I am finally block
11	What is multithreaded programming?	a. It's a process in which two different processes run simultaneously	b. It's a process in which two or more parts of same process run simultaneously	c. It's a process in which many different process are able to access same information	d. It's a process in which a single process can access information from many sources
12	What is maximum thread priority in Java	a. 10	b. 12	c. 5	d. 7
13	<p>What will be the output of the following Java code?</p> <pre> import java.io.*; class files { public static void main(String args[]) { File obj = new File("/java/abc"); System.out.print(obj.getName()); } } </pre>	a. java	b. abc	c. java/abc	d. ./java/abc

14	When comparing java.io.BufferedWriter and java.io.FileWriter, which capability exist as a method in only one of two ?	a. closing the stream	b. flushing the stream	c. writing to the stream	d. writing a line separator to the stream
15	Where are the following four methods commonly used? I. public void add(Component c) II. public void setSize(int width,int height) III. public void setLayout(LayoutManager m) IV. public void setVisible(boolean)	a. Graphics class	b. Component class	c. Graphics class & Component class	d. object class
16	Which method is used to set the graphics current color to the specified color in the graphics class?	a. public abstract void setFont(Font font)	b. public abstract void setColor(Color c)	c. public abstract void drawString(String str,int x,int y)	d. public color();
17	Which of the following is the default Layout Manager for an Applet?	a. FlowLayout	b. BorderLayout	c. GridLayout	d. CardLayout
18	Which of the following type of JDBC driver, calls native code of the locally available ODBC driver?	a. JDBC-ODBC Bridge plus ODBC driver	b. Native-API, partly Java driver	c. JDBC-Net, pure Java driver	d. Native-protocol, pure Java driver
19	What happens if you call deleteRow() on a ResultSet object?	a. The row you are positioned on is deleted from the ResultSet, but not from the database	b. The row you are positioned on is deleted from the ResultSet and from the database	c. The result depends on whether the property synchronizeWithDataSource is set to true or false	d. You will get a compile error: the method does not exist because you cannot delete rows from a ResultSet
20	Which of the following code is used to get names of the parameters in servlet?	a. request.getParameterNames()	b. response.getParameterNames()	c. Header.getParameterNames()	d. getParameterNames()

21	Which of the following code is used to get an attribute in a HTTP Session object in servlets?	a. session.getAttribute(String name)	b. session.setAttribute(String name)	c. session.updateAttribute(String name)	d. session.setAttribute(String name)
22	Which are the session tracking in servlet techniques? i. URL rewriting ii. Using HttpSession object iii. Using response object iv. Using hidden fields v. Using cookies vi. Using servlet object	a) i, ii, iii, vi	b. i, ii, iv, v	c.) i, vi, iii, v	d.) i, ii, iii, v
23	session is instance of which class?	a. Session	b. HttpSession	c. HttpSession	d. ServletSession
24	Which tag should be used to pass information from JSP to included JSP?	a. Using <%jsp:page> tag	b. Using <%jsp:param> tag	c. Using <%jsp:import> tag	d. Using <%jsp:useBean> tag
25	IOC or Dependent injection is a	a. Design pattern	b. Framework	c. Java Module	d. ORM Framework