Roll No. ……..... Total Pages: 06

Paper ID: MD002 **Course Code: CCMAD-02T**

Examination (January - 2024)
Certificate/ Diploma (Semester-I)
Programme in Mobile Application Development
Programming using Java

Time Allowed: 2 Hours Max. Marks: 70

Instructions for the Students

1. The question paper shall consist of 70 Multiple Choice questions.
2. All questions are compulsory. Each question carries 1 mark.
3. There will be no negative marking.

Q1. Which of these keywords is used to define interfaces in Java? a) intf b) Intf c) interface d) Interfaces	Q2. Which of these access specifiers can be used for a class so that its members can be accessed by a different class in the different package? a) Public b). Protected c). Private d). No Modifier
Q3. Which of this package is used for analyzing code during run-time? a) java.io b) java.awt c). java.applet d). java.lang.reflect	Q4. An interface in Java is like a 100% ____. a) inner class b). public class c). abstract class d). anonymous class

Q5. Which of the following package stores all the standard java classes?
a) lang
b) java
c) util
d) java.packages
	Q6. What will be output for the following code?
	import java.io.*;
	class files
	{
	public static void main(String args[])
	{
	File obj = new File(""/java/system"");
	System.out.print(obj.canWrite());
	System.out.print("" "" + obj.canRead());
	}
	}
	
	a) true false
	b) false true
	c) true true
	d) false false

Q7.? ___ are classes that act as a connection point between event listeners and event sources a) Event adapters b) Events Handler c) Event listener d) Jevent	Q8. Which of the following component gives a drop-down list of options from which to choose? a) JPanel b) JButton c) JComboBox d) JBox
Q9. What should be the correct order to close the database resource?What should be the correct order to close the database resource? a. Connection, Statements, and then ResultSet b. ResultSet, Connection, and then Statements c. Statements, ResultSet, and then Connection d. ResultSet, Statements, and then Connection	Q10. Which of the following is not a valid statement in JDBC? a. Statement b. PreparedStatement c. QueryStatement d. CallableStatement
Q11. Select the packages in which JDBC classes are defined? a. jdbc and javax.jdbc b. rdb and javax.rdb c. jdbc and java.jdbc.sql d. sql and javax.sql	Q12. Which of the following method is used to perform DML statements in JDBC? a. executeResult() b. executeQuery() c. executeUpdate() d. execute()
Q13 Which of the following option leads to the portability and security of Java? a. Bytecode is executed by JVM b. The applet makes the Java code secure and portable c. Use of exception handling d. Dynamic binding between objects	Q14 Which of the following is not a Java features? a. Dynamic b. Architecture Neutral c. Use of pointers d. Object-oriented
Q15 _____ is used to find and fix bugs in the Java programs. a. JVM b. JRE c. JDK d. JDB	Q16 Which of the following is a valid declaration of a char? a. char ch = '\utea'; b. char ca = 'tea'; c. char cr = \u0223; d. char cc = '\itea';
Q17 What is the return type of the hashCode() method in the Object class? a. Object	Q18 Which of the following is a valid long literal? a. ABH8097 b. L990023

b. int c. long d. void	c. 904423 d. 0xnf029L
Q19 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. 25	Q20 Which of the following tool is used to generate API documentation in HTML format from doc comments in source code? a. javap tool b. javaw command c. Javadoc tool d. javah command
Q21 Which of the following creates a List of 3 visible items and multiple selections abled? a. new List(false, 3) b. new List(3, true) c. new List(true, 3) d. new List(3, false)	Q22 Who invented Java Programming? a) Guido van Rossum b) James Gosling c) Dennis Ritchie d) Bjarne Stroustrup
Q23 Which statement is true about Java? a) Java is a sequence-dependent programming language b) Java is a code dependent programming language c) Java is a platform-dependent programming language d) Java is a platform-independent programming language	Q24 Which component is used to compile, debug and execute the java programs? a) JRE b) JIT c) JDK d) JVM
Q25 Which one of the following is not a Java feature? a) Object-oriented b) Use of pointers c) Portable d) Dynamic and Extensible	Q26 Which of these cannot be used for a variable name in Java? a) identifier & keyword b) identifier c) keyword d) none of the mentioned
Q27 What is the extension of java code files? a) .js b) .txt c) .class d) .java	Q28 Which environment variable is used to set the java path? a) MAVEN_Path b) JavaPATH c) JAVA d) JAVA_HOME
Q29 Which of the following is not an OOPS concept in Java? a) Polymorphism b) Inheritance c) Compilation d) Encapsulation	Q30 What is not the use of “this” keyword in Java? a) Referring to the instance variable when a local variable has the same name b) Passing itself to the method of the same class c) Passing itself to another method d) Calling another constructor in constructor chaining
Q31 Which of the following is a type of polymorphism in Java Programming?	Q32 What is Truncation in Java? a) Floating-point value assigned to a Floating type

a) Multiple polymorphism b) Compile time polymorphism c) Multilevel polymorphism d) Execution time polymorphism	b) Floating-point value assigned to an integer type c) Integer value assigned to floating type d) Integer value assigned to floating type
Q33 What is the extension of compiled java classes? a) .txt b) .js c) .class d) .java	Q34 Which exception is thrown when java is out of memory? a) MemoryError b) OutOfMemoryError c) MemoryOutOfBoundsException d) MemoryFullException
Q35 Which of these are selection statements in Java? a) break b) continue c) for() d) if()	Q36 Which of the following is a superclass of every class in Java? a) ArrayList b) Abstract class c) Object class d) String
Q37 Which of the below is not a Java Profiler? a) JProfiler b) Eclipse Profiler c) JVM d) JConsole	Q38 Which of these packages contains the exception Stack Overflow in Java? a) java.io b) java.system c) java.lang d) java.util
Q39 Which of these keywords are used for the block to be examined for exceptions? a) check b) throw c) catch d) try	Q40 Which of these package is used for text formatting in Java programming language? a) java.text b) java.awt c) java.awt.text d) java.io
Q41 Which of this class can be used to format dates and times? a) Date b) SimpleDate c) DateFormat d) textFormat	Q42 Which of these method returns an instance of DateFormat that can format time information? a) getTime() b) getTimeInstance() c) getTimeDateinstance() d) getDateFormatinstance()
Q43 Which of these class allows us to define our own formatting pattern for dates and time? a) DefinedDateFormat b) SimpleDateFormat c) ComplexDateFormat d) UsersDateFormat	Q44 Which of these formatting strings of SimpleDateFormat class is used to print AM or PM in time? a) a b) b c) c d) d
Q45 Which of these packages contains all the classes and methods required for even handling in Java? a) java.applet b) java.awt c) java.event d) java.awt.event	Q46 What is an event in delegation event model used by Java programming language? a) An event is an object that describes a state change in a source b) An event is an object that describes a state change in processing c) An event is an object that describes any change by the user and system d) An event is a class used for defining object, to create events

Q47 Which of these methods are used to register a keyboard event listener? a) KeyListener() b) addKistener() c) addKeyListener() d) eventKeyboardListener()	Q48 Which of these keywords is used to define packages in Java? a) pkg b) Pkg c) package d) Package
Q49 Which of these is a mechanism for naming and visibility control of a class and its content? a) Object b) Packages c) Interfaces d) None of the Mentioned.	Q50 JDK stands for ____. A. Java development kit B. Java deployment kit C. JavaScript deployment kit D. None of these
Q51 JRE stands for ___. A. Java run ecosystem B. JDK runtime Environment C. Java Runtime Environment D. None of these	Q52 What makes the Java platform independent? A. Advanced programming language B. It uses bytecode for execution C. Class compilation D. All of these
Q53 What are the types of memory allocated in memory in java? A. Heap memory B. Stack memory C. Both A and B D. None of these	Q54 What is the entry point of a program in Java? A. main() method B. The first line of code C. Last line of code D. main class
Q55 Which keyword in java is used for exception handling? A. exep B. excepHand C. throw D. All of these	Q56 Which class in Java is used to take input from the user? A. Scanner B. Input C. Applier D. None of these
Q57 Method used to take a string as input in Java? A. next() B. nextLine() C. Both A. and B. D. None of these	Q58 Which of the following is the correct syntax to create a variable in Java? A. var name; B. int name; C. var name int; D. All of these
Q59 hich of these is a type of variable in Java? A. Instance Variable B. Local Variable	Q60 What is type casting in Java? A. It is converting type of a variable from one type to another

C. Static Variable D. All of these	B. Casting variable to the class C. Creating a new variable D. All of these
Q61 Which of the following can be declared as final in java? A. Class B. Method C. Variable D. All of these	Q62 The break statement in Java is used to ___. A. Terminates from the loop immediately B. Terminates from the program immediately C. Skips the current iteration D. All of these
Q63 Array in java is ___. A. Collection of similar elements B. Collection of elements of different types C. The data type of consisting of characters D. None of these	Q64 Object in java are ___. A. Classes B. References C. Iterators D. None of these
Q65 What is garbage collection in java? A. Method to manage memory in java B. Create new garbage values C. Delete all values D. All of these	Q66 Static variables in java are declared as ___. A. final variables B. new variables C. Constants D. All of these
Q67 'this' keyword in java is ___. A. Used to hold the reference of the current object B. Holds object value C. Used to create a new instance D. All of these	Q68 The 'super' keyword is used to ___. A. Access instance of the parent class B. Access instance of the same class C. Access instance of child class D. Access instance of friend class
Q69 Abstract class is ___. A. Created using abstract keyword B. Contains only abstract method C. Needs to be inherited to be used D. All of these	Q70 Which method deletes a file in Java? A. file.delete() B. file.remove() C. file.garbage() D. file.dump()