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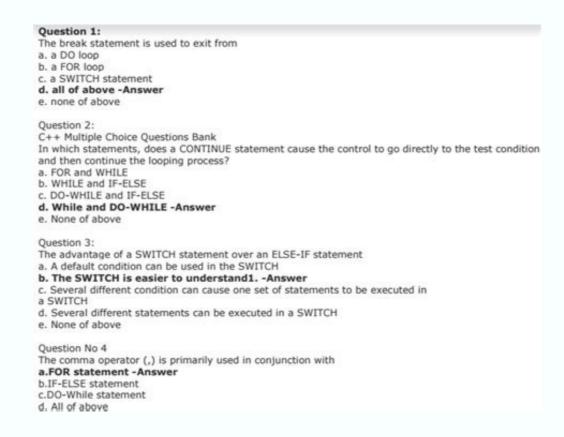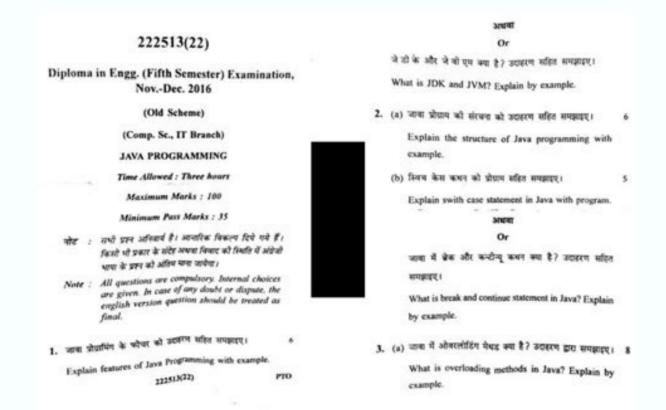
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Java programming exam questions and answers

Java object-oriented programming exam questions and answers pdf. Java coding questions and answers.


```
Question 1:
The break statement is used to exit from
a. a DO loop
b. a FOR loop
c. a SWITCH statement
d. all of above –Answer
e. none of above

Question 2:
C++ Multiple Choice Questions Bank
In which statements, does a CONTINUE statement cause the control to go directly to the test condition
and then continue the looping process?
a. FOR and WHILE
b. WHILE and IF-ELSE
c. DO-WHILE and IF-ELSE
d. While and DO-WHILE –Answer
e. None of above

Question 3:
The advantage of a SWITCH statement over an ELSE-IF statement
a. A default condition can be used in the SWITCH
b. The SWITCH is easier to understand1. –Answer
c. Several different condition can cause one set of statements to be executed in
a SWITCH
d. Several different statements can be executed in a SWITCH
e. None of above

Question No 4
The comma operator (,) is primarily used in conjunction with
a.FOR statement –Answer
b.IF-ELSE statement
c.DO-While statement
d. All of above
```

A) b 3) Multiple inheritance means, (a) one class inheriting from more super classes(b) more classes inheriting from one super class(c) more classes inheriting from more super classes(d) None of the above(e) (a) and (b) above. A) a 4) Which statement is not true in java language? (a) A public member of a class can be accessed in all the packages.(b) A private member of a class cannot be accessed by the methods of the same class.(c) A private member of a class cannot be accessed from its derived class.(d) A protected member of a class can be accessed from its derived class.(e) None of the above. A) b 5) To prevent any method from overriding, we declare the method as, (a) static (b) const (c) final (d) abstract (e) none of the above.
A) c 6) Which one of the following is not true? (a) A class containing abstract methods is called an abstract class.(b) Abstract methods should be implemented in the derived class.(c) An abstract class cannot have non-abstract methods.(d) A class must be qualified as 'abstract' class, if it contains one abstract method.(e) None of the above. A) c 7) The fields in an interface are implicitly specified as, (a) static only (b) protected (c) private(d) both static and final (e) none of the above.

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(a) I = 0 (b) I = 1 (c) I = 2 (d) I = 3 (e) Compile-time Error. A) b 3) Multiple inheritance means, (a) one class inheriting from more super classes(b) more classes inheriting from one super class(c) more classes inheriting from more super classes(d) None of the above(e) (a) and (b) above. A) a 4) Which statement is not true in java language? (a) A public member of a class can be accessed in all the packages.(b) A private member of a class cannot be accessed by the methods of the same class.(c) A private member of a class cannot be accessed from its derived class.(d) A protected member of a class can be accessed from its derived class.(e) None of the above. A) b 5) To prevent any method from overriding, we declare the method as, (a) static (b) const (c) final (d) abstract (e) none of the above. A) c 6) Which one of the following is not true? (a) A class containing abstract methods is called an abstract class.(b) Abstract methods should be implemented in the derived class.(c) An abstract class cannot have non-abstract methods.(d) A class must be qualified as 'abstract' class, if it contains one abstract method.(e) None of the above. A) c 7) The fields in an interface are implicitly specified as, (a) static only (b) protected (c) private(d) both static and final (e) none of the above. d 8) 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 (e) none of the above. A) c 9) 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.(e) None of the above. A) c 10) Which of the following is true? (a) A finally block is executed before the catch block but after the try block.(b) A finally block is executed, only after the catch block is executed.(c) A finally block is executed and when an exception is thrown or not.(d) A finally block is executed, only if an exception occurs.(e) None of the above. A) c 11) Among these expressions, which is(are) of type String? (a) "0" (b) "ab" + "cd"(c) '0'(d) Both (A) and (B) above (e) (A), (B) and (C) above. A) d 12) Consider the following code fragmentRectangle r1 = new Rectangle();r1.setColor(Color.blue);Rectangle r2 = r1;r2.setColor(Color.red); After the above piece of code is executed, what are the colors of r1 andr2 (in this order)? (a) Color.blueColor.red(b) Color.blueColor.blue(c) Color.redColor.red(d) Color.redColor.blue(e) None of the above. A) c 13) 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 (e) None of the above. A) d 14) What is printed by the following statement? System.out.print("Hello,world!"); (a) Hello, world! (b) Hello, world!(c)(d) "Hello, world!" (e) None of the above.

A) c 15) Consider the two methods (within the same class)public static int foo(int a, String s){s = "Yellow";a=a+2;return a;}public static void bar(){int a = 3 s = Blue (b) a = 5 s = Yellow (c) a = 3 s = Yellow(d) a = 5 s = Blue (e) none of the above. A) d 16) Which of the following variable declaration would NOT compile in a java program? (a) int var; (b) int VAR; (c) int var1; (d) int var_1; (e) int 1_var;. A) e 17) Consider the following class definition: public class MyClass{private int value;public void setValue(int i){ / code / }// Other methods...} The method setValue assigns the value of i to the instance field value. What could you write for the implementation of setValue? (a) value = i; (b) this.value = i; (c) value == i;(d) Both (A) and (B) above (e) (A), (B) and (C) above. A) d 18) Which of the following is TRUE? (a) In java, an instance field declared public generates a compilation error.(b) int is the name of a class available in the package java.lang(c) Instance variable names may only contain letters and digits.(d) A class has always a constructor (possibly automatically supplied by the java compiler).(e) The more comments in a program, the faster the program runs. A) d 19) A constructor (a) Must have the same name as the class it is declared within.(b) Is used to create objects.(c) May be declared private(d) Both (A) and (B) above(e) (a), (b) and (c) above. A) e 20) Consider, 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 = MyClass;(d) MyClass mc = new MyClass;The constructor of MyClass should be defined as, public void MyClass(){/code/}. A) a Java Multiple Choice Questions 21) What is byte code in the context of Java? (a) The type of code generated by a Java compiler.(b) The type of code generated by a Java Virtual Machine.(c) It is another name for a Java source file.(d) It is the code written within the instance methods of a class.(e) It is another name for comments written within a program. A) a Java Multiple Choice Questions 22) 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. A) c Java Multiple Choice Questions 23) You read the following statement in a Java program that compiles and executes.submarine.dive(depth); What can you say for sure? (a) depth must be an int(b) dive must be a method.(c) dive must be the name of an instance field.(d) submarine must be the name of a class(e) submarine must be a method.

A) b Java Multiple Choice Questions 24) The java run time system automatically calls this method while garbage collection. (a) finalizer() (b) finalize() (c) finally()(d) finalized() (e) none of the above. A) b Java Multiple Choice Questions 25) 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. A) a Java Multiple Choice Questions 26) An overloaded method consists of, (a) The same method name with different types of parameters(b) The same method name with different number of parameters(c) The same method name and same number and type of parameters with different return type(d) Both (a) and (b) above(e) (a), (b) and (c) above. A) d Java Multiple Choice Questions 27) A protected member can be accessed in, (a) a subclass of the same package (b) a non-subclass of the same package(c) a non-subclass of different package(d) a subclass of different package(e) the same class. Which is the false option? A) c Java Multiple Choice Questions 28) 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. A) b Java Multiple Choice Questions 29) All exception types are subclasses of the built-in class (a) Exception (b) RuntimeException (c) Error(d) Throwable (e) None of the above. A) d Java Multiple Choice Questions 30) When an overridden method is called from within a subclass, it will always refer to the version of that method defined by the (a) Super class(b) Subclass(c) Compiler will choose randomly(d) Interpreter will choose randomly(e) None of the above. A) b Java Multiple Choice Questions 31) 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. A) d Java Multiple Choice Questions 32) 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. A) c Java Multiple Choice Questions 33) 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++. A) c Java Multiple Choice Questions 34) Identify, from among the following, the incorrect variable name(s). (a) _theButton (b) $reallyBigNumber(c) 2ndName (d) CurrentWeatherStateofplanet(e) my2ndFont. A) c Java Multiple Choice Questions 35) Use the following declaration and initialization to evaluate the Java expressions int a = 2, b = 3, c = 4, d = 5;float k = 4.3f; System.out.println(– b * a + c *d – -); (a) 21 (b) 24 (c) 28 (d) 26 (e) 22. A) b Java Multiple Choice Questions 36) Use the following declaration and initialization to evaluate the Java expressions int a = 2, b = 3, c = 4, d = 5;float k = 4.3f; System.out.println(a++); (a) 3 (b) 2 (c) 4 (d) 10 (e) Syntax error. A) b Java Multiple Choice Questions 37) Use the following declaration and initialization to evaluate the Java expressions int a = 2, b = 3, c = 4, d = 5;float k = 4.3f; System.out.println (-2U * (g – k)+c); (a) 6 (b) 3 (c) 2 (d) 1 (e) Syntax error. A) e Java Multiple Choice Questions 38) Use the following declaration and initialization to evaluate the Java expressions int a = 2, b = 3, c = 4, d = 5;float k = 4.3f; System.out.println (c=c++); (a) 2 (b) 4 (c) 5 (d) 8 (e) Syntax error. A) b Java Multiple Choice Questions 39) Consider the following Java program : class IfStatement{public static void main(String args[]){int a=2, b=3;if (a==3){if (b==3)System.out.println("=============");elseSystem.out.println("############");System.out.println("&&&&&&&&&");}} Which of the following will the output be? (a) =============(b) ############&&&&&&&&&(c) &&&&&&&&&(d) =============############&&&&&&&&&(e) ###############. A) c Java Multiple Choice Questions 40) 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. A) d Use the following Java program for answering question 11 and 12class test{void meth(int i, int j){i *= 2;i /= 2;}} class argumentPassing{public static void main(String args[]){test ob = new test();int a = 15, b = 20; System.out.println("a and b before call :"+ a +" " + b);ob.meth(a,b);System.out.println("a and b after call : "+ a + " " +b);} 41) What would the output be of the above Program – III before and after it is called?
(a) and b before call : 15 20 a and b after call : 30 10(b) a and b before call : 15 20(c) a and b before call : 15 20 a and b after call : 15 20(d) a and b before call : 15 20(e) a and b before call : 15 20(e) a and b before call : 15 20(e) a and b before call : A) c 42) What would the argument passing method be which is used by the above Program – III? (a) Call by value (b) Call by reference(c) Call by java.lang class (d) Call by byte code(e) Call by compiler. A) a 43) Consider the following program: class prob1{int result; if (n==1)return 1;result = puzzel(n-1) * n;return result;} class prob2{ public static void main(String args[]) { prob1 f = new prob1(); System.out.println(" puzzel of 6 is = " + f.puzzel(6)); }} Which of the following will be the output of the above program? (a) 6 (b) 120 (c) 30 (d) 720 (e) 12. A) d 44) The blank space in the following sentence has to be correctly filled : Members of a class specified as .... are accessible only to methods of that class. (a) Protected (b) Final (c) Public (d) Private (e) Static. A) d 45) Java compiler javac translates Java source code into .... (a) Assembler language (b) Byte code(c) Bit code (d) Machine code(e) Platform dependent code.
A) b 46) .... are used to document a program and improve its readability.
(a) System cells (b) Keywords (c) Comments (d) Control structures (e) Blocks. A) c 47) In Java, a character constant's value is its integer value in the ....character set. (a) EBCDIC (b) Unicode (c) ASCII (d) Binary (e) BCD. A) b 48) In Java, a try block should immediately be followed by one or more .... blocks. (a) Throw (b) Run (c) Exit (d) Catch (e) Error. A) d 49) An abstract data type typically comprises a .... and a set of .... respectively.
(a) Data representation, classes (b) Database, operations(c) Data representation, objects (d) Control structure, operations(e) Data representation, operations. A) e 50) 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 (e) Overriding.
A) d 51) Re-implementing an inherited method in a sub class to perform a different task from the parent class is called (a) Binding (b) Transferring (c) Hiding (d) Coupling (e) extending. A) e 52) In a class definition, the special method provided to be called to create an instance of that class is known as a/an (a) Interpreter (b) Destructor (c) Constructor (d) Object (e) Compiler. A) c 53) 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 (III) above (c) Only (III) above (d) Only (IV) above(e) All (I), (II), (III) and (IV) above are wrong. A) b 54) 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 sub-class.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. A) e 55) 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 value when they are declared(e) Java variable names are case-sensitive. A) b 56) 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) Only (III) above (e) Only (IV) above. A) a 57) 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) (I) and (II) above(e) All (I), (II), (III), (IV) and (V) above. A) c 58) For what values respectively of the variables gender and age would the Java expression gender == 1 && age >= 65 become true? (a) gender = 1, age = 60 (b) gender = 1, age = 50(c) gender = 1, age = 65 (d) gender = 1, age = 70(e) gender = 0, age = 55. A) c 59) 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 += 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. A) b 60) 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) Every Java application is not multithreaded. A) d JAVA Questions and Answers have been designed with a special intention of helping students and professionals preparing for various Certification Exams and Job Interviews. This section provides a useful collection of sample Interview Questions and Multiple Choice Questions (MCQs) and their answers with appropriate explanations. SN Question/Answers Type 1 JAVA Interview Questions This section provides a huge collection of JAVA Interview Questions with their answers hidden in a box to challenge you to have a go at them before discovering the correct answer. 2 JAVA Online Quiz This section provides a great collection of JAVA Multiple Choice Questions (MCQs) on a single page along with their correct answers and explanation. If you select the right option, it turns green; else red. 3 JAVA Online Test If you are preparing to appear for a Java and JAVA related certification exam, then this section is a must for you. This section simulates a real online test along with a given timer which challenges you to complete the test within a given time-frame. Finally you can check your overall test score and how you fared among millions of other candidates who attended this online test. 4 JAVA Mock Test This section provides various mock tests that you can download at your local machine and solve offline.
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