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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1.** | Which of the following tool is used to generate API documentation in HTML format from doc comments in source code?  **Ans: Javadoc Tool** | | | | | | | |
| **2.** | Which of these methods deletes all the elements from invoking collection?  **Ans: clear()** | | | | | | | |
| **3.** | Identify the output of the following program.  String str = “abcde”;  System.out.println(str.substring(1, 3));  **Ans: bc** | | | | | | | |
| **4.** | Which of the following is a mutable class in java?  **Ans: java.lang.StringBuilder** | | | | | | | |
| **5.** | Which of these cannot be used for a variable name in Java?  **Ans: keyword** | | | | | | | |
| **6.** | Which of the following is not OOPS concept in Java?  **Ans: Compilation** | | | | | | | |
| **7.** | Which of these method of Object class can clone an object?  **Ans: Object clone()** | | | | | | | |
| **9.** | Which of these class relies upon its subclasses for complete implementation of its methods?  **Ans: abstract class** | | | | | | | |
| **10.** | Find the output of the following code.  int ++a = 100;  System.out.println(++a);  **Ans:Compilation Error** | | | | | | | |
| **11.** | Which of these keywords cannot be used for a class which has been declared final?  **Ans: abstract** | | | | | | | |
| **12.** | Which one is runtime polymorphism?  **Ans:** | | | | | | | |
| **13.** | Which of these interfaces is not part of the collection framework in Java?  **Ans: SortedList** | | | | | | | |
| **14.** | Which interface does not allow duplicates elements?  **Ans: Set** | | | | | | | |
| **15.** | Which of these collection classes has the ability to scale dynamically?  **Ans: ArrayList** | | | | | | | |
| **16.** | In which process, a local variable has the same name as one of the instance variables?  **Ans: Variable Shadowing** | | | | | | | |
| **17.** | Which package contains the Random class?  **Ans: java.util package** | | | | | | | |
| **18.** | Find the output of the below Java program?  class Test{  public static void main(String[] args) {  char ch1 = 97;  char ch2 = -98;  System.out.println(ch1+".."+ch2);  }  }  **Ans: Compilation Error** | | | | | | | |
| **19.** | What will be the output of the following Java program?   |  |  | | --- | --- | | abstract class A  {  int i;  abstract void display();  }  class B extends A  {  int j;  void display()  {  System.out.println(j);  }  } | class Abstract\_demo  {  public static void main(String args[])  {  B obj = new B();  obj.j=2;  obj.display();  }  } |       **Ans: 2** | | | | | | | |
| **20.** | What will be the output of the following Java code?  class Output  {  public static void main(String args[])  {  Object obj = new Object();  System.out.print(obj.getclass());  }  }  **Ans: class java.lang.Object** | | | | | | | |
| **21.** | Does the below Java code with abstract method compile?  class Puppy  {  abstract void showName();  }  **Ans: NO** | | | | | | | |
| **22.** | Which is the opposite of an Abstract Class?  **Ans: concrete class** | | | | | | | |
| **23.** | What is the output of the below Java program with an abstract class?   |  |  | | --- | --- | | final abstract class Bell  { }  class DoorBell extends Bell  {  DoorBell()  {  System.out.println("DoorBell ringing..");  }  } | public class AbstractClassTesting2  {  public static void main(String[] args)  {  Bell bell = new DoorBell();  }  } |   **Ans: Compile Error** | | | | | | | |
| **24.** | Which feature of OOPS described the reusability of code?  **Ans: Inheritance** | | | | | | | |
| **25.** | Which concept of Java is a way of converting real world objects in terms of class?  **Ans: Abstraction** | | | | | | | |
| **26.** | What does the expression float a = 85/ 0 return  **Ans: Infinity** | | | | | | | |
| **27.** | A function in C language is similar to what in Java language  **Ans: Method** | | | | | | | |
| **28.** | What is the use of Access modifier "pubic" in Java language  **Ans: To call the main method outside of Class or Package by JVM** | | | | | | | |
| **29.** | String args[] in main method are used for  **Ans: Passing arguments at run time** | | | | | | | |
| **30.** | The Java characters are based on  **Ans:** | | | | | | | |
| **31.** | The default value for all referenced data types  **Ans: null** | | | | | | | |
| **32.** | A Class in Java is like a :  **Ans: Prototype, Instruction Set, Blueprint,** | | | | | | | |
| **33.** | A Java class can contain  **Ans: Variables, Methods,Constructors, Inner class** | | | | | | | |
| **34.** | Creating an object from a class is also called .  **Ans: instantiating** | | | | | | | |
| **35.** | An object is created at \_time in Java.  **Ans: Run time** | | | | | | | |
| **36.** | When does method overloading is determined\_  **Ans: at compile time** | | | | | | | |
| **37.** | What is it called where child object gets killed if parent object is killed  **Ans: Composition** | | | | | | | |
| **38.** | What is it called where object has its own lifecycle and child object cannot belong to another parent object:  **Ans: Aggregation** | | | | | | | |
| **39.** | Encapsulation helps in writing \_\_ classes in java.  **Ans: Immutable** | | | | | | | |
| **40.** | How can Encapsulation be achieved  **Ans: Using access specifier** | | | | | | | |
| **41.** | Using encapsulation, data security is  **Ans: Ensured to some extent** | | | | | | | |
| **42.** | An abstract class in Java usually contains one or more abstract  **Ans: Methods** | | | | | | | |
| **43.** | An abstract class with 100% abstract methods is equivalent to  **Ans: Interface** | | | | | | | |
| **44.** | What is the output of the below Java program with an abstract class  public abstract class AbstractClassTest5  {  public static void main(String[] args)  {  System.out.println("Inside Main() method..");  }  }  **Ans: Inside main method** | | | | | | | |
| 45. | If same message is passed to objects of several different classes and all of those can respond in a different way, what is this feature called  **Ans: Polymorphism** | | | | | | | |
| 46. | Encapsulation is supported by  **Ans: Classes** | | | | | | | |
| 47. | What type of inheritance does Java have  **Ans: Single, Multilevel and hierarchical** | | | | | | | |
| 48. | What exception does LINE A throw  class ArrayExample  {  public static void main(String s[])  {  int[] a = new int[4];  int total = a[1] + a[2] + a[3]; // LINE A  System.out.println("Total = " + total);  }  }  **Ans: ArrayIndexOutOfBounds** | | | | | | | |
| 49. | What implementation of Iterator can traverse a collection in both directions  **Ans: ListIterator** | | | | | | | |
| 50. | What will be the output of the following Java code?  class array\_output  {  public static void main(String args[])  {  int array\_variable [] = new int[10];  for (int i = 0; i < 10; ++i)  {  array\_variable[i] = i;  System.out.print(array\_variable[i] + " ");  i++;  }  }  } | | | | | | | |

**Ans: 0 2 4 6 8**