

Java: An introduction:

Quiz

Question 1

Java is

- A. A completely object-oriented language
- B. Partially object-oriented language
- C. Object based language
- D. Structured language

Question 2

Which of the following produces HTML files from your java source file?

- A. javac
- B. javad
- C. javadoc
- D. javah

Question 3

JVM does not contain

- A. Bytecode verifier
- B. Class loader
- C. Java standard class libraries
- D. Security Manager

Question 4

Bundling attributes and methods together is called

- A. Abstraction
- B. Data Hiding
- C. Implementation Hiding
- D. Encapsulation

Question 5

What will happen when you compile or execute the following code.

```
public class Test{  
    public static void main() {  
        System.out.println("Hello") ;  
    }  
}
```

- A. Code will not compile
- B. Code will execute and print "Hello"
- C. Code will throw an exception at runtime
- D. Code will execute and print nothing

Question 6

Which Java technology allows access to C libraries?

- A. JNI
- B. JEE
- C. JME
- D. JCK

Question 7

You deploy your application into production environment and when it executes you see “java.lang.ClassNotFoundException” and a huge trail of messages following it. What could be the possible problem?

- A. JDK is not installed
- B. path is not set properly
- C. classpath not set properly
- D. Classloader flags a security violation

Question 8

Which of the following does JRE consist of

- A. JVM
- B. JDK
- C. Standard java classes
- D. JNI

Question 9

What will be the output of the following code:

```
Int x=12,y=23;
```

```
System.out.println("Sum="+x+y);
```

- A Sum=35
- B Sum=1223
- C Compiles fine only when x+y is within brackets.

Question 10

```
int x=12;
```

```
byte y=23;
```

```
long z=34;
```

```
System.out.println(x+y+z);
```

What is output of the above code.

A 69

B 122334

C compilation fails

Question 11

Which of the lines will give compilation error?

```
1. /** Testing application */  
2. public class Test{  
3. /** execution begins /*here*/ */  
4. public void main(String str[]){  
5. System.out.print("Hello");  
6. }}
```

- A. Line 1
- B. Line 3
- C. Line 4
- D. Line 5

Question 12

What happens when you compile or execute the code

```
1. public class Test{  
2. public static void main(String  
   str[]){  
3. long i;  
4. System.out.print(i) ;  
5. }}
```

- A. There is a compilation error at line 4
- B. Code compiles clean and displays 0
- C. Code compiles clean and displays garbage value
- D. Code compiles clean but throws an exception at runtime

Question 13

What happens when you compile or execute the code

```
1. public class Test{  
2. public static void main(String  
   str[]){  
3. System.out.print(0/0) ;  
4. }}
```

- A. There is a compilation error at line 3
- B. Code compiles clean and displays infinity
- C. Code compiles clean and displays garbage value
- D. Code compiles clean but throws an exception at runtime

Question 14

Which of the following is not a feature of the Java language?

- A. Multithreaded
- B. Pointers
- C. Static binding of class libraries
- D. Strong platform specific class libraries

Question 15

Which of the following is/are true?

- A. Java bytecode is platform independent
- B. Only JRE is required to execute java code
- C. JDK must be downloaded in order to execute java code
- D. JVM is OS independent

Question 16

- ▶ Given the following,
 - ▶ 1. public class X {
 - ▶ 2. public static void main(String [] args) {
 - ▶ 3.
 - ▶ 4. System.out.println(args[0]);
 - }
 - }
- ▶ and the command line invocation is
- ▶ java X a b
- ▶ what is the result? (Choose one.)
- ▶ A. X
- ▶ B. a
- ▶ C. java
- ▶ D. error

Question 17

```
public class JavaTest {  
    public static void main(String[] args) {  
        System.out.println(args[0]);  
        System.out.println(args[1]);  
        System.out.println(args[2]);  
        System.out.println(args[3]);  
    }  
}
```

Command line: java JavaTest 2 3 4

Output is:

- A JavaTest 2 3 4
- B 2 3 4
- C 2 3 4 ArrayIndexOutOfBoundsException
- D ArrayIndexOutOfBoundsException