1) Who invented Java language?

a) Dennis Ritchie

**b) James Gosling**

c) Larry Page

d) Serge Page

2) What is the original name of Java Programming language?

a) J++

b) C++

**c) OAK**

d) TEAK

3) What is an Interpreter?

a) An interpreter converts instructions line by line

b) An Interpreter converts source code to low-level code

c) Interpreters are slow to execute

**d) All the above**

4) What is the output of Compilation of Java Program?

**a) .class file**

b) .cla file

c) .jc file

d) .javax file

5) Byte code is the result of?

**a) Compiling a Java file**

b) Compiling a Class file

c) Interpreting a Java File

d) Interpreting a Class file

6) What software compiles a Java Program?

a) JRE (Java Runtime Environment)

**b) JDK (Java Developer Kit)**

c) JVM (Java Virtual Machine)

d) Command Prompt

7) What is JIT in Java?

a) Java In Timer

b) Java In Time Thread

**c) Just In Time Compiler**

d) Just In Time Runnable

8) Which of the following has the highest memory requirement?

a) Heap

b) Stack

**c) JVM**

d) Class

9) Garbage Collection can be controlled by a program?

a) True

**b) False**

10) What is a Java development kit (JDK) ?

a) It is a set of libraries with a Java runtime environment.

b) It is a just development tool.

**c) It is a development tool with a Java runtime environment.**

d) It is a just runtime environment.

11) What is the advantage of EXE files?

a) Run Faster

b) Efficient

c) No separate program required to run

**d) All the above**

12) What is the file name extension of a Java source program?

a) .j

b) .ja

**c) .java**

d) .jax

13) When was first Version of Java i.e Java 1.0 was released?

a) 1991

b) 1994

**c) 1996**

d) 1999

14) What are the main Distribution types of Java Software?

a) Java SE (Java Standard Edition)

b) Java EE (Java Enterprise Edition)

c) Java ME (Java Micro Edition)

**d) All the above**

15) What is the Java distribution type used to build Web Apps in Java?

a) Java SE

**b) Java EE**

c) Java ME

d) Java Embedded

16) What is the Java command used to compile a java program from Command Line or Command Prompt or CMD?

a)

>java hello.java

b)

**>javac hello.java**

c)

>javacomp hello.java

d)

>javacmd hello.java

17) What is the command used to Run a Java program form Command Line or Command Prompt or CMD?

a)

javac hello

b)

java hello.class

c)

**java hello**

d)

java hello.java

18) Every statement in Java language should end with a?

a) Dot or Period

b) Comma

**c) Semicolon**

d) Colon

19) Choose a Single Line Comment in Java Language below?

**a)**

**//Some comments**

b)

Some comments//

c)

/\*Some comments\*/

d)

\*/Some comments/\*

20) Which kind of Java programming is?

a) Procedural

b) Non-Procedural

**c) Object Oriented**

d) Event Driven

21) Java ME stands for ?

a) Java Enterprise Edition

b) Java Standard Edition

**c) Java Micro Edition**

d) None of Above

22) Standalone Applications are known as

a) Distributed applications

b) Server side applications or Web applications

**c) Desktop applications or Window-based applications**

d) Android applications or Java ME applications

23) Mobile Applications are known as

a) Distributed applications

b) Server side applications or Web applications

c) Desktop applications or Window-based applications

**d) Android applications or Java ME applications**

24) Having compiled source code, It converts to another code called?

**a) Byte code**

b) Executable code

c) Binary code

25) What is the Java Classloader?

a) It dynamically loads Java source code into the JVM.

b) It dynamically loads Java resources into the JVM.

**c) It dynamically loads Java classes into the JVM.**

26) What is a Java Runtime Environment (JRE) ?

**a) It is a implementation of JVM and physically exists with bundles of libraries.**

b) It is a specification of JVM and physically exists with bundles of libraries.

c) It is a implementation of JVM and virtually exists with bundles of libraries.

d) It is a implementation of JRE and physically exists with bundles of libraries.

27) What allows the programmer to destroy an object x?

a) x.finalize()

b) x.delete()

c) Runtime.getRuntime().gc()

**d) Only the garbage collection system can destroy an object.**

28) Which of the following is a garbage collection technique?

a) Sweep model

**b) Mark and sweep model**

c) Space management model

d) Cleanup model

29) When is the B object, created in line 3, eligible for garbage collection?

void start() {

A a = new A();

B b = new B();

a.s(b);

b = null; /\* Line 5 \*/

a = null; /\* Line 6 \*/

System.out.println(""start completed""); /\* Line 7 \*/

}

a) after line 5

b) after line 6

c) after line 7

**d) There is no way to be absolutely certain.**

30) How many objects are eligible for garbage collection after execution of line ?

public class Test

{

public static void main(String[] args)

{

m1(); // Line

}

static void m1()

{

Test t1 = new Test();

Test t2 = new Test();

}

}

a) 0

b) 1

**c) 2**

d) 3