1. Who founded Java Programming?

a) Guido van Rossum
b) James Gosling
c) Dennis Ritchie
d) Bjarne Stroustrup

Answer: b

Solution: The Java program was developed by James Gosling at Sun Microsystems in 1995. James Gosling is known as the father of Java.

2. What part is used to compile, debug and execute java programs?

a) JRE
b) JIT
c) JDK
d) JVM

Answer: c

Solution: JDK is an integral part of the Java Area and provides all the tools, binary needed to integrate, debug and launch the Java Program.

3. What difference does it make when java is out of memory?

a) MemoryError
b) OutOfMemoryError
c) MemoryOutOfBoundsException
d) MemoryFullException

Answer: b

Solution: The Xms flag has no default value, and Xmx typically has a default value of 256MB. A common use of these flags is when you encounter java.lang.OutOfMemoryError.

4. Which of these selection statements in Java do you have?

a) a break
b) continue
c) for ()
d) if ()

Answer: d

Solution: Continue and break comes under the jump statements, and for falls under the looping statement.

5. Which of these keywords is used to define interfaces in Java?

a) intf
b) Intf
c) interface
d) Interface

Answer: c

Solution: interface keyword is used to define interfaces in Java.

6. Which of the following is the superclass of all Java classes?

a) Array List
b) Abstract Class
c) Object class
d) String

Answer: c

Definition: The object class is the superclass of all Java classes.

7. Which of the following is not a Java Profiler?

a) JProfiler
b) Eclipse Profile
c) JVM
d) JConsole

Answer: c

Solution: A leak in memory is like holding a solid reference in an object though it will no longer be needed. Accessible but inanimate objects are considered memory leaks. Various tools help us to detect memory loss.

8. Which of these packages contains the stack overflow variant in Java?

a) java.io
b) java.system
c) java.lang
d) java.util

Answer: c

Definition: java.lang packages contains the stack overflow variant in Java

9. Which of these statements are wrong about Thread?

a) start () method is used to start a thread function
b) run () method is used to start a thread process before start the () method in special cases

c) The thread can be created using only the runnable interface
d) The thread can be made of a class that extends to the Thread class

Answer: b

Solution: The run () method used to define a code that forms a new string, contains the code to be used. start () method is used to start the release of the running series (). run () itself has never been used for series implementation.

10. Which of these keywords is used to block an exception?

a) check
b) throw
c) catch
d) try

Answer: d

Solution: a try is applied to a block that needs to be checked to be different

11. Which of the following is not an access modifier?

a) Protected
b) Void
c) Public
d) Confidential

Answer: b

Solution: Public, private, protected and default by all access controllers.

12. What is the range for the type of char data in Java?

a) 0 to 256
b) -128 to 127
c) 0 to 65535
d) 0 to 32767

Answer: c

Solution: Char takes 16-bit memory, so it supports 216, that is from 0 to 65535.

13. Which section provides for the implementation of the private server side of the system?

a) Server
b) ServerReader
c) Socket
d) ServerSocket

Answer: d

Solution: ServerSocket is a component of java.net that provides a standalone system launcher for a third party socket server connection.

14. Which of the following is true of servers?

a) Resources can use the full functionality of Java class libraries
b) The resources operate within the web server's domain, private domain and use the functionality of the java category libraries
c) Applications run within the web server address area
d) The servlets are independent in one place because they are labeled with java

Answer: b

Solution: Applications run within the web server address area. As it is written in java independent. Full functionality is available through libraries.

15. What is the expansion of the compiled java classes?

a) .txt
b) .js
c) .class
d) .java

Answer: c

Solution: A compact java file with the extension .class.
16. Arrays in java are-

a. Object References
b. Objects
c. Primitive Data type
d. None

Answer: b. Objects
Solution: Arrays are objects in java. It is a container that holds a fixed number of items of a single type.

17. Total constructor string class have?

a. 3
b. 7
c. 13
d. 20

Answer: 13

Solution: String class has 13 constructors.

18. Where does the system stores parameters and local variables whenever a method is invoked?

a. Heap
b. Stack
c. Array
d. Tree

Answer: b. Stack

Solution: The system stores parameters and local variables in a stack.

19. When is the finalize() method called?

a. Before Garbage Collection
b. Before an object goes out of scope
c. Before a variable goes out of scope
d. None

Answer: a. Before Garbage Collection

Solution: finalize() method is called before garbage collection.

20. What is Runnable?

a. Abstract class
b. Interface
c. Class
d. Method

Answer: b. Interface

Solution: Runnable is an interface.