**Core Java Objective Questions: Part 2**

1. Java was first developed in ?

[A] 1990

[B] 1991

[C] 1993

[D] 1996

Answer: Option [B]

Explanation: The original and reference implementation Java compilers, virtual machines, and class libraries were developed by Sun from 1991 and first released in 1995.It is intended to let application developers "write once, run anywhere" (WORA), meaning that code that runs on one platform does not need to be recompiled to run on another.

2. The old name of Java was ?

[A] J language

[B] oak

[C] oct

[D] None of above

Answer: Option [B]

Explanation: The language was initially called Oak after an oak tree that stood outside Gosling's office; it went by the name Green later, and was later renamed Java, from Java coffee, said to be consumed in large quantities by the language's creators.

3. Which of the following feature is not supported by java ?

[A] Multithreading

[B] Reflection

[C] Operator Overloading

[D] Garbage Collection

Answer: Option [C]

Explanation: We cannot overload the operators in java but we can overload functions in java.

4. Which of the following is not keyword in java ?

[A] null

[B] import

[C] volatile

[D] package

Answer: Option [A]

Explanation: null is not a keyword in java. It is a literal value.

5. What is the full form of JDK ?

[A] Java Data Kit

[B] Java Defination Kit

[C] Java Development Kit

[D] Java Design Kit

Answer: Option [C]

Explanation: it's the full featured Software Development Kit for Java, including JRE, and the compilers and tools (like Java Doc, and Java Debugger) to create and compile programs.

6. Which command is used to compile a java program ?

[A] javac

[B] java

[C] javad

[D] .javadoc

Answer: Option [A]

Explanation: The javac command in Java compiles a program from a command prompt. It reads a Java source program from a text file and creates a compiled Java class file. The basic form of the javac command is "javac filename "

7. What is the full form of JVM

[A] Java Virtual Machine

[B] Java Variable Machine

[C] Java Virtual Mechanism

[D] Java Variable Mechanism

Answer: Option [A]

Explanation: A Java virtual machine (JVM) is a virtual machine that can execute Java bytecode. It is the code execution component of the Java platform.

8. What is the full form of ADT ?

[A] Abstract Data Type

[B] Abstract Development tool

[C] Abstract Design Tool

[D] Advance Development Tool

Answer: Option [A]

Explanation: In computer science, an abstract data type (ADT) is a mathematical model for a certain class of data structures that have similar behavior; or for certain data types of one or more programming languages that have similar semantics.

9. The expected signature of the main method is public static void main(). What happens if we make a mistake and forget to put the static keyword ?

[A] The JVM issues an error saying that main method should be declared static

[B] The compiler issues a warning saying that main method should be declared static and adds it automati

[C] The JVM successfully invokes the main method

[D] The JVM fails at runtime with NoSuchMethodError

Answer: Option [D]

Explanation: There is nothing special about the main method and the compiler compiles it like any other method, so it issues no warning or error. The JVM looks for the static main method with the expected signature, and since the static main method is missing, so it throws exception NoSuchMehodError and terminates.

10. What does the AWT stands for ?

[A] Abstract Windowing toolkit

[B] A web toolkit

[C] Application with types

[D] Absolutly wonderfull toolkit

Answer: Option [A]

Explanation: AWT is the original user interface provided in java.The AWT classes are provided in java.awt package.

11. Which of the following is generated when the source code is successfully compiled ?

[A] Output

[B] Bytecode

[C] Error

[D] None of above

Answer: Option [B]

Explanation: Bytecode is the compiled format for Java programs. Once a Java program has been converted to bytecode, it can be transferred across a network and executed by Java Virtual Machine (JVM).

12. In java , if you do not give a value to a variable before using it ,\_\_\_\_\_\_

[A] It will contain a garbage value

[B] It will initialized with zero

[C] Compiler will give an error

[D] None of above

Answer: Option [C]

13. Which among the following is the compulsory section of java program ?

[A] package Statement

[B] import Statement

[C] Documentation section

[D] Class declaration section

Answer: Option [D]

Explanation:

14. Sharing of common information is achieved by the concept of ?

[A] polymorphism

[B] encapsulation

[C] inheritance

[D] none of above

Answer: Option [C]

Explanation: Inheritance is the process by which one class can inherit the properties from another class.

15. The extension name of a Java source code file is ?

[A] .java

[B] .obj

[C] .class

[D] .exe

Answer: Option [A]

16. The JDK command to compile a class in the file Test.java is

[A] java Test

[B] javac Test.java

[C] javac Test

Answer: Option [B]

17. \_\_\_\_\_\_\_\_\_ is a software that interprets Java bytecode.

[A] Java virtual machine

[B] Java compiler

[C] Java debugger

[D] Java API

Answer: Option [A]

18. Which JDK command is correct to run a Java application in ByteCode.class?

[A] java ByteCode

[B] java ByteCode.class

[C] javac ByteCode.java

[D] javac ByteCode

Answer: Option [A]

19. Java is also known as ...... stage language

[A] One

[B] Two

[C] Three

[D] Four

Answer: Option [B]

Explanation: Mostly a computer programming language is either compiled or interpreted. Java combines both these approaches thus making Java a two-stage system. First, Java compiler translates source code into what is known as bytecode instructions. Bytecodes are not machine instruction and therefore in the second stage, Java interpreter generates machine code that can be directly executed by the machine that is running the java program.

20. For interpretation of java program, \_\_\_\_\_\_\_\_\_ command is used.

[A] java

[B] javac

[C] javap

[D] none of these

Answer: Option [A]

21. What do you mean by javap?

[A] java compiler

[B] java Interpreter

[C] java Disassemble

[D] java debugger

Answer: Option [C]

Explanation: The javap command disassembles a class file. Its output depends on the options used. If no options are used, javap prints out the package, protected, and public fields and methods of the classes passed to it. javap prints its output to stdout

22. What is HotJava ?

[A] system software

[B] web browser

[C] java environment

[D] IDE

Answer: Option [B]

Explanation: HotJava is an extensible web browser from Sun Microsystems implemented in Java.

23. Who invented JAVA?

[A] James Gosling

[B] Dennis Ritchie

Answer: Option [A]

24. What was the name of JAVA initially?

[A] Bean

[B] Java Bean

[C] Oak

Answer: Option [C]

25. Dose Java supports operator overloading?

[A] Yes

[B] No

Answer: Option [B]

26. Java supports Pass by reference or Pass by value

[A] Pass by value

[B] Pass by reference

Answer: Option [A]

27. if(x

[A] True

[B] False

Answer: Option [A]

Explanation: Java allow two or more statement to be grouped into block of code.

28. In java Char allocate how many bit?

[A] 8 bit

[B] 16 bit

Answer: Option [B]

29. String contain in which package?

[A] java.util

[B] java.lang

Answer: Option [B]

30. one class extend any number of class and interface ?

[A] True

[B] False

Answer: Option [B]

Explanation: class extend one class and implement many interface.

31. javac is used for?

[A] compilation

[B] execution

Answer: Option [A]

32. java is pure object oriented language?

[A] yes

[B] No

Answer: Option [B]

Explanation: Because primitive data type int,char is not object.

33. Is constructor is private or not?

[A] True

[B] False

Answer: Option [A]

Explanation: Constructor is private . For singleton class.

34. Which is a reserved word in the Java programming language?

[A] method

[B] native

[C] subclasse

[D] array

Answer: Option [B]

35. instance variable declare in

[A] class

[B] constructor

Answer: Option [A]

36. valid keyword in java

[A] String

[B] Interface

Answer: Option [B]

Explanation: String is class.

37. which class can not be subclass in java

[A] parent class

[B] final class

Answer: Option [B]

Explanation: final class can not be inherit.

38. can we declare abstract static method

[A] yes

[B] No

Answer: Option [B]

39. can we access private class outside the package

[A] yes

[B] No

Answer: Option [B]

40. Thread can be created by how many way

[A] 1

[B] 2

[C] 3

Answer: Option [B]

41. Runnable is

[A] class

[B] method

[C] Interface

Answer: Option [C]

42. Which collection class associates values witch keys, and orders the keys according to their natural order

[A] java.util.HashSet

[B] java.util.TreeMap

Answer: Option [B]

43. In Runnable, many threads share the same object instance

[A] true

[B] false

Answer: Option [A]

44. Java beans have no types

[A] True

[B] false

Answer: Option [A]

45. The JDBC-ODBC bridge is

[A] single thread

[B] Multithread

Answer: Option [B]

46. The Externizable interface extends the serializable interface

[A] true

[B] false

Answer: Option [A]

47. Which method executes only once

[A] start()

[B] init()

[C] destroy()

Answer: Option [B]

48. Minimum threads in a program are

[A] 1

[B] 2

[C] 3

Answer: Option [A]

49. JIT meaning

[A] just in time

[B] java in time

Answer: Option [A]

50. after compilation of java class the file create is

[A] .class

[B] .doc

[C] .java

Answer: Option [A]

51. constructor has return type

[A] True

[B] false

Answer: Option [B]

52. x=x+1 is equivalent to

[A] ++x

[B] x++

Answer: Option [B]

53. x=x+1 is equivalent to

[A] ++x

[B] x++

Answer: Option [B]

54. Inheritance means

[A] subclass extend parent class

[B] subclass implement parent class

Answer: Option [A]

55. Which type of inheritance is not supported by java

[A] multiple

[B] multilevel

Answer: Option [A]

56. Super is the predefined

[A] keyword

[B] method

[C] keyword and method

Answer: Option [C]

57. All methods of interface are public and abstract

[A] true

[B] false

Answer: Option [A]

58. In java, gc() method is available in which package

[A] java.lang package

[B] java.util package

Answer: Option [A]

59. Java intermediate code is known as

[A] Byte code

[B] interpreted cod

Answer: Option [A]

60. Interface support multiple extend

[A] true

[B] false

Answer: Option [A]

61. can we create the object of abstract class

[A] true

[B] false

Answer: Option [B]

62. for declare a constant variable we use keyword

[A] final

[B] volatile

Answer: Option [A]

63. when child class object pass into parent class reference called

[A] upcasting

[B] downcasting

Answer: Option [A]

64. when parent class object is pass in child class reference called

[A] Downcasting

[B] upcasting

Answer: Option [A]

65. static assign memory st

[A] load time

[B] compile time

Answer: Option [A]

66. Is string class is final

[A] true

[B] false

Answer: Option [A]

67. String object is

[A] mutable

[B] immutable

Answer: Option [B]

68. inbuild array class is present in package?

[A] java.util

[B] java.lang

Answer: Option [A]

69. java script is

[A] object based language

[B] object oriented language

Answer: Option [A]

70. What is the base class of all classes

[A] object class

[B] String class

[C] util class

Answer: Option [A]

71. How many JDBC driver types does Sun define?

[A] 1

[B] 2

[C] 3

[D] 4

Answer: Option [D]

72. Who invented Java

[A] Netscape

[B] Microsoft

[C] sun

[D] none of these

Answer: Option [C]

73. To run a compiled Java program, the machine must have what loaded and running?

[A] JVM

[B] byte code

[C] web browser

[D] java compiler

Answer: Option [A]

74. A JSP is transformed into a:

[A] servlet

[B] method

[C] java class

[D] applet

Answer: Option [A]

75. What servlet processor was developed by Apache Foundation and Sun?

[A] Apache Tomcat

[B] Apache webserver

[C] Glass fish

[D] Browser

Answer: Option [A]

76. type 4 is completely written in java hence

[A] computer

[B] cross plateform

[C] linux

[D] office

Answer: Option [B]

77. statement use to execute store procedure

[A] prepared statement

[B] stored procedure

[C] callable statement

[D] statement

Answer: Option [C]

78. how many interface in jdbc API

[A] 1

[B] 2

[C] 3

[D] 4

Answer: Option [C]

79. forName() is a static method of

[A] java.lang.class

[B] java.util

[C] java.object

[D] java.connection

Answer: Option [A]

80. session listener define following method

[A] sessionCreated, sessionReplaced

[B] sessionCreated, sessionDestroyed

[C] sessionDestroyed, sessionReplaced

[D] none

Answer: Option [C]

81. which package contain jdbc class

[A] java.jdbc and javax.jdbc

[B] java.jdbc and java.jdbc.sql

[C] java.sql and javax.sql

[D] java.rdb and javax.rdb

Answer: Option [C]

82. How can you retrive information from Resultset

[A] By invoking the method get(..., String type) on the ResultSet, where type is the database type

[B] By invoking the method get(..., Type type) on the ResultSet, where Type is an object which represents a database type

[C] By invoking the special getter methods on the ResultSet: getString(...), getBoolean (...), getClob(...),...

[D] By invoking the method getValue(...), and cast the result to the desired Java type.

Answer: Option [C]

83. How can u execute DML statement in Database

[A] By invoking the execute(...) or executeUpdate(...) method of a normal Statement object or a sub-interface object thereof

[B] By invoking the executeInsert(...), executeDelete(...) or executeUpdate(...) methods of the DataModificationStatement object

[C] By making use of the InsertStatement, DeleteStatement or UpdateStatement classes

[D] None

Answer: Option [A]

84. Are ResultSets updateable?

[A] Yes, but only if you call the method openCursor() on the ResultSet, and if the driver and database support this option

[B] Yes, but only if you indicate a concurrency strategy when executing the statement, and if the driver and database support this option

[C] Yes, but only if the ResultSet is an object of class UpdateableResultSet, and if the driver and database support this option

[D] none

Answer: Option [B]

85. what is jdb

[A] java compiler

[B] java debugger

[C] java virtual machine

[D] non

Answer: Option [B]

86. Java is known as \_\_\_\_\_\_\_stage language

[A] 1

[B] 2

[C] 3

[D] 4

Answer: Option [B]

87. Which driver is called as thin-driver in JDBC

[A] Type 1 Driver

[B] Type 2 Driver

[C] Type 3 Driver

[D] Type 4 Driver

Answer: Option [D]

88. Which method of java is invoked by JVM to reclaim the inaccessible memory location

[A] reclaim() method

[B] final() method

[C] finalize() method

[D] Both b and c

Answer: Option [C]

89. Interfaces helps in which type of inheritance

[A] Multiple interface

[B] Multilevel Interface

[C] Hirerchical Interface

[D] None

Answer: Option [A]

90. If nested try is possible

[A] true

[B] false

Answer: Option [A]

91. Applet always executed on

[A] client side

[B] serverside

Answer: Option [A]

92. Which command disassembles a class file

[A] javaamd

[B] javacmd

[C] javap

[D] java

Answer: Option [C]

93. The inner class can access private members of the outer class

[A] true

[B] false

Answer: Option [A]

94. In which we clone the object and their constituent parts

[A] Shallow Cloning

[B] Deep cloning

[C] Both

[D] none

Answer: Option [B]

95. Executable applet is

[A] .java file

[B] .class

[C] .applet

[D] java

Answer: Option [B]

96. Which keyword is used while using interface

[A] extends

[B] implement

[C] access

[D] none

Answer: Option [B]

97. Which keyword represents object of the present class

[A] this

[B] package

[C] interface

[D] final

Answer: Option [A]

98. The method cant be overridden

[A] final

[B] abstract

[C] public

[D] private

Answer: Option [A]

99. Hot java is

[A] web browser

[B] java version

[C] IDE

[D] none

Answer: Option [A]

100. javah stands for

[A] compiler

[B] Interpreter

[C] Header file

[D] debugger

Answer: Option [C]