Unit 2: Derived Syntactical Construct in Java

1. Java is developed by _____
a)Sun Microsystems of USA
b) Microsoft
c)Adobe
d) None

2 _____ is one of the inventors of Java.
a) Dannis Ritchie
b) James Gosling
c) Bjarne Stroustrup
d) Balagurusamy

3 _____ is one of the java features that enables java program to run anywhere anytime.
a)Object-Oriented
b) Multithreaded
c)Platform-Independent
d) Dynamic & Extensible

4 _____ is one of the java features that can handle multiple tasks simultaneously.
a)Object-Oriented
b) Dynamic & Extensible
c)Platform-Independent
d) Multithreaded

5 Java compiler translates source code into _____
a) Bytecode (Virtual Machine Code)
b) Bitcode
c) Machine Code
d) User code

6 Java interpreter translates _____ into machine code.
a) Bitcode
b) Bytecode(Virtual Machine Code)
c) Machine Code
d) User code

7 Java compiler produces an intermediate code known as _____
a)Bitcode
b) Machine Code
c)Bytecodes
d) User code

8 _____ tool helps us to find errors in our programs.
a)jhelp
b) javah
c)javap
d) jdb

9 The _____ includes hundred of classes and methods grouped into several function packages.
a)API
b) JVM
c)JAVAC

d) JRE

10 The java interpreter uses _____ method before any objects are created.
a)Class
b) Main
c)Constructor
d) All of above

11 _____ is use for naming classes, methods, variables etc in a program.
a)Operator
b) Separator
b)Identifier
d) Constructor

12 _____ is reserved keyword in java.
a)Abstract
b) Extends
b)Package
d) All of above

13 Java provides an extensive set of classes, arranged in _____.
a)Package
b) Library file
c)Template class
d) None

14 The process of converting one date type to another is called_____
a)Translating
b) Casting
c)Compiling
d) Declaring

15 Java does not support _____.
a)Operator overloading
b) Global variable
c)Multiple inheritance
d) All of above

16 Casting from byte to _____ data type, the result is no loss information.
a)short
b) int
c)long
d) all of above

17 Casting from shot to _____ data type, the result is no loss information.
a)byte
b) int
c)long
d) double

18_____ refer to fix value that does not change during the execution of a
program.
a)variables
b) constants
c)identifiers
d) integer

19 _____ operators are used to construct mathematical expression as in algebra.
a)Relational
b) Mathematical
c)Arithmetic
d) Logical

20 Which constraint must be considered at the time of variable declaration?
a)It should not be keyword
b) It must not begin with digit
c)White space not allowed
d) All of above

21 The comparisons can be done with help of _____ operator.
a)Relational
c)Arithmetic
b) Mathematical
d) Assignment

22 Which of the following is not an assignment operator?
a)+=
b) = =
c)%=
d) =

23 _____ operator is used to construct conditional expression.
a)Dot(.)
b) instanceof
c)Ternary(?:)
d) None

24 Which statement is used to terminate the loop early?
a)terminate
b) continue
c)skip
d) break

25 Which statement is used to skip the loop and continue with the next iteration?
a)continue
b) terminate
c)skip
d) break

26 _____ is a group of contiguous or related data items that share a common name.
a)Variable
b) Array
c)Constant
d) none

27 Which of the following is the correct declaration statement in java program?
a) int num=new int[5]
b) int num=new num[5]
c) int[] num=new int[5]
d) None

28 Java _____.
a)Only compiles
b) Only interprets

c)Compiles and then interprets
d) Interprets & then compile

29 JVM stands for _____
a)Java Virtual Method
b) Java Virtual Machine
c)Java Variable & Methods
d) Java Versatile Machine

30 Which of the following is a ternary operator?
a)+=
b) ?
c)%=
d) =