

Unit 1: Basic 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) =

Diplomastudyhelper.blogspot.com