1) Which of the following option leads to the portability and security of Java?

a.   Bytecode is executed by JVM

   b. The applet makes the Java code secure and portable

   c. Use of exception handling

   d. Dynamic binding between objects

2) Which of the following is not a Java features?

   a. Dynamic

   a. Architecture Neutral

   b. Use of pointers

   c. Object-oriented

3. _____ is used to find and fix bugs in the Java programs.

   a. JVM

   b. JRE

   c. JDK

   d. JDB

4. What are the types of data types in Java?

   a. Primitive Data types
   b.   Non-primitive Data Types
   c.   Both of above
   d. View Answer

5. Which is not a primitive data type?
a. Boolean
b. Character
c. Arrays
d. Integer

6. Which are the non-primitive data types ?
a. Arrays
b. Classes
c. Interfaces
d. All of Above

7. What is the default value of boolean?
a.   true
b.   false
c.   '1'
d.   '0'

8. What is the default size of boolean datatype?
a. 2 bytes
b.4 bytes
c. 1 bit
d. 2 bits

9. What is the default value of char ?

a. ''
b. '0000'
c. '0'
d. '\u0000'

10. What is the default size of char ?
a.1 byte
b. 2 bytes
c. 4 bytes
d. 8 bytes

11. What is the default value of byte ?
a. 0 default value
b. 0b default value
c. 0.0 default value
d. 0.0f default value

12. What is the default size of byte ?
a. 1 bit
b. 1 byte
c. 2 bytes
d. 4 bytes

13. What is the default value of short ?
a. 0 default value
b. 0s default value
c. 0.0 default value
d.0.0f default value

14.What is the default size of short ?
a. 1 byte
b. 2 bytes
c. 4 bytes
d. 8 bytes

15.What is the default value of int ?
a.0 default value
b. 0i default value
c. 0l default value
d. 0.0f default value

16.What is the default size of int ?
a. 1 byte
b. 2 bytes
c. 4 bytes
d. 8 bytes

17. What is the default value of long ?
a. 0.00
b. 0L

c. 0B
d. 0I

18. What is the default size of long ?
a. 1 byte
b. 2 bytes
c. 4 bytes
d. 8 bytes

19. What is the default value of float ?
a. 0L
b. 0.0f
c. 0f
d. 0.0d

20. What is the default size of float ?
a. 1 byte
b. 2 bytes
c. 4 bytes
d. 8 bytes

21. What is the default value of double ?
a. 0L
b. 0f
c. 0d
d. 0.0d

22. What is the default size of double ?
a.1 byte
b. 2 bytes
c. 4 bytes
d. 8 bytes

23. Boolean logical operators in Java work with?
a. true/false boolean data
b. 1 and 0 of individual Bits
c. characters of a String
d. None of the above

24. Bitwise logical operators in Java work with?
a. true/false boolean data
b. 0 and 1 individual bits of data
c. Characters of a String
d. None of the above

25. What is the input for Logical Operators?
a. 1 and 0
b. true / false
c. char / String
d. None of the above

26. What is the output of any Logical operation in Java?
a. 1 or 0
b. true or false
c. char or String
d. None of the above

27. Which is the Logical operator in Java that works with a Single Operand?
a. Logical AND
b. Logical OR
c. Logical Exclusive OR
d. Logical NOT

28. Which among the following is a Logical Unary NOT operator in Java?
a. ~
b. !
c. #
d. ^

29. Which of the following can be operands of arithmetic operators?
a.Numeric
b. Boolean
c. Characters
d. Both Numeric & Characters

30. Modulus operator, %, can be applied to which of these?
a. Integers
b. Floating – point numbers
c. Both Integers and floating – point numbers
d. None of the mentioned

31. Decrement operator, −−, decreases the value of variable by what number?
a. 1
b. 2
c. 3
d. 4