

**JAVA CS 3006**  
**MCQ QUESTIONS**

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
- B. Architecture Neutral
- C. Use of pointers
- D. Object-oriented

3) \_\_\_\_\_ is used to find and fix bugs in the Java programs.

- A. JVM
- B. JRE
- C. JDK
- D. JDB

4) Which of the following is a valid declaration of a char?

- A. char ch = '\utea';
- B. char ca = 'tea';
- C. char cr = \u0223;
- D. char cc = '\itea';

5) What does the expression float a = 35 / 0 return?

- A. 0

- B. Not a Number
- C. Infinity
- D. Run time exception

6) Evaluate the following Java expression, if x=3, y=5, and z=10:

`++z + y - y + z + x++`

- A. 24
- B. 23
- C. 20
- D. 25

7) What do you mean by nameless objects?

- A. An object created by using the new keyword.
- B. An object of a superclass created in the subclass.
- C. An object without having any name but having a reference.
- D. An object that has no reference.

8) Which option is false about the final keyword?

- A. A final method cannot be overridden in its subclasses.
- B. A final class cannot be extended.
- C. A final class cannot extend other classes.
- D. A final method can be inherited.

9) What do you mean by chained exceptions in Java?

- A. Exceptions occurred by the VirtualMachineError
- B. An exception caused by other exceptions
- C. Exceptions occur in chains with discarding the debugging information
- D. None of the above

10) In which memory a String is stored, when we create a string using new operator?

- A. Stack
- B. String memory
- C. Heap memory
- D. Random storage space

11) Which of the following is a reserved keyword in Java?

- A. object
- B. strictfp
- C. main
- D. system

12) Which keyword is used for accessing the features of a package?

- A. package
- B. import
- C. extends
- D. export

13) In java, jar stands for ?

- A. Java Archive Runner
- B. Java Application Resource
- C. Java Application Runner
- D. None of the above

14) `ArrayList list = new ArrayList();`

What is the initial quantity of the ArrayList list?

- A. 5

- B. 10
- C. 0
- D. 100

15) What is meant by the classes and objects that depend on each other?

- A. Tight Coupling
- B. Cohesion
- C. Loose Coupling
- D. None of the above

16) Which of these are selection statements in Java?

- A. if()
- B. for()
- C. continue
- D. break

17) Decrement operator, --, decreases the value of variable by what number?

- A. 1
- B. 2
- C. 3
- D. 4

18) Which of this keyword must be used to inherit a class?

- A. super
- B. this
- C. extent
- D. extends

19) Which of the following is not OOPS concept in Java?

- A. Inheritance

- B. Encapsulation
- C. Polymorphism
- D. Compilation

20) Method overriding is combination of inheritance and polymorphism?

- A. True
- B. false