(Q1) What is the function of javap command?

a. This command is used to run the Java compiler.
b. A command to run a non-optimized version of the Java compiler.
c. A command to create an HTML document in API style.
d. A command to separate Java class files.

(Q2) Among the following is not a popular IDE for Java development?

a. NetBeans
b. IntelliJ IDEA
c. Visual Studio Code
d. Eclipse

(Q3) What is the output of the following JAVA code?

String s = "exam:" + 9 + 9 + 9;

System.out.println(s);

    a. exam : 27
    b. exam : 9
    c. exam 27
    d. exam : 999

(Q4) Which of the following statements is/are correct regarding the programming of JAVA?

I. A class that is marked as final cannot be overwritten.

II. A method that is marked as final cannot be overridden.

a. Neither I nor II
b. Both I and II
c. Only I
d. Only II

(Q5) What is the use of 'javac' command?

a. Execute a java program
b. Debug a java program
c. Interpret a java program
d. Compile a java program

(Q6) Consider the following Java code fragment. Which of the following statement is true?

Line No	Code Statement
1	public class While
2	{
3	public void loop()
4	{
5	int x = 0;
6	while (1)
7	{
8	System.out.println("x plus one is" + (x + 1));
9	}
10	}
11	}

a. There is syntax error in line no. 1
b. There are syntax errors in line nos. 1 & 6
c. There is syntax error in line no. 8
d. There is syntax error in line no. 6

(Q7) What is the output of the following java code?

int m = 1000;

int k = 3000;

while (+ + m < − − k);

System.out.println(m);

a. 2000
b. Error

c. 1000

d. 4000

(Q8) Which of the following methods will create a string in Java?

I: String S = "Hello Java";

II: String S2 = new String ("Hello Java");

a. Only I
b. Only II
c. Both I and II
d. Neither I nor II

(Q9) What is garbage collection in the context of Java?

a. The operating system periodically deletes all of the Java files available on the system.
b. When all references to an object are gone, then the memory used by the object is automatically reclaimed.
c. Any java package imported in a program and not being used, is automatically deleted.
d. The java virtual machine (JVM) checks the output of any java program and deleted anything that does not make sense at all.

(Q10) A condition that is caused by run-time error in a computer program is known as:

a. Syntax error
b. Fault
c. Semantic error
d. Exception

(Q11) Additional information sent when an exception is thrown may be placed in _____

    a. The throw keyword
    b. The function that caused the error
    c. The catch block
    d. An object of the exception class

(Q12) Which of the following is NOT a java primitive type?

    a. short
    b. long
    c. long double
    d. boolean

(Q13) Which of the following is/are the rules to declare variables in Java?

    a. Java keywords cannot be used as variable names
    b. All of the options
    c. Variable names are case-sensitive
    d. The first character must be a letter

(Q14) 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.

(Q15) Which of these classes are the direct subclasses of the **Throwable** class?

a. RuntimeException and Error class
b. Exception and VirtualMachineError class
c. Error and Exception class
d. IOException and VirtualMachineError class