# PPWJ_QUIZ1

1. Name *

   _____

2. Registration Number *

   _____

3. Section *

   *Mark only one oval.*

   ( ) B1

   ( ) B2

4. Which of the following statements is true about Java?   *

   *Mark only one oval.*

   ( ) Java is platform-dependent

   ( ) Java uses compiler and interpreter both

   ( ) Java does not support OOP

5. Which tool is used to compile a Java source file? *

*Mark only one oval.*

○ java

○ javac

○ javadoc

○ jar

6. The .class file in Java contains ? *

*Mark only one oval.*

○ Source code

○ Bytecode

○ Machine code

○ Debug information only

7. Bytecode in Java is executed by ? *

*Mark only one oval.*

○ Java Compiler

○ Java Virtual Machine (JVM)

○ Operating System

○ JRE Compiler

8.   Which of these correctly represents the Java program execution order?   *

*Mark only one oval.*

⬭ Source code → JVM → Bytecode

⬭ Source code → Compiler → Bytecode → JVM → Machine code

⬭ JVM → Bytecode → Compiler → Machine code

⬭ Source code → Assembler → JVM

9.   What happens if the main() method is missing in a Java class?   *

*Mark only one oval.*

⬭ Compilation fails

⬭ B. Program runs with warning

⬭ C. Runtime error occurs

⬭ D. JVM automatically adds it

10.   Which of the following is **not** a primitive data type in Java?   *

*Mark only one oval.*

⬭ int

⬭ String

⬭ float

⬭ boolean

11.    The char data type in Java is? *

*Mark only one oval.*

◯ 8-bit

◯ 16-bit

◯ 32-bit

◯ 64-bit

12.    Which operator is used to **compare** two values?   *

*Mark only one oval.*

◯ =

◯ ==

◯ :=

◯ equals

13.    The ternary operator in Java is represented by — *

*Mark only one oval.*

◯ ?:

◯ ??

◯ <>

◯ ==

14.  Find output                              *

int x = 5;
System.out.println(x++ + ++x);

*Mark only one oval.*

- 10
- 11
- 12
- 13

15.  Find output                                      *

int a = 5, b = 10;
if (a * 2 == b)
     System.out.println("Equal");
else
     System.out.println("Not Equal");

*Mark only one oval.*

- Equal
- Not Equal
- C10
- Compile Error

16.  Find output                                          *
     int x = 10, y = 5;
     System.out.println(x > y && y > 0);

     *Mark only one oval.*

     ⬭ 0

     ⬭ 1

     ⬭ true

     ⬭ false

17.  Find output                          *
     int a = 7;
     a += 3 * 2;
     System.out.println(a);

     *Mark only one oval.*

     ⬭ 13

     ⬭ 12

     ⬭ 10

     ⬭ 14

18.  Find output                           *

```
int x = 5;
if (x++ == 5)
    System.out.println(x);
else
    System.out.println(x + 10);
```

*Mark only one oval.*

○ 5

○ 6

○ 15

○ 16

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