

1. **Number of primitive data types in Java are?**
   1. 6 **MCQ: 15**
   2. 7 **PROGRAMS: 5**
   3. 8
   4. 9

|  |  |
| --- | --- |
| **Student Name** |  |
| **LAST 3 DIGIT OF Contact No** |  |
| **Batch code** |  |

1. **What is the size of float and double in java?**
   1. 32 and 64
   2. 32 and 32
   3. 64 and 64
   4. 64 and 32
2. **WRITE A JAVA PROGRAM TO SWAP TWO NUMBERS WITHOUT THIRD VARIABLE**
3. **WRITE A JAVA PROGRAM TO FIND YEAR IS A LEAP YEAR OR NORMAL YEAR**
4. **WRITE A JAVA PROGRAM TO PRINT DAYS IN A WEEK (USING SWITCH)**
5. **WRITE A JAVA FUNCTION TO CALCULATE SIMPLE INTEREST WHERE IT WILL TAKE P,T,R AS A PARAMETER**

**NOTE:SI = (P\*T\*R)/100**

1. **WRITE A JAVA FUNCTION TO PRINT SUM OF N NUMBERS WHERE IT WILL TAKE N AS A PARAMETER**
2. **Find the output of the following code.**

|  |
| --- |
| **int integer = 24;** |
| **char String = 'I';** |
| **System.out.print(integer);** |
| **System.out.print(String);** |

* 1. Compile error
  2. Throws exception
  3. I
  4. 24 I

1. **Find the output of the following program.**

|  |
| --- |
| **public class Solution{** |
| **public static void main(String[ ] args){** |
| **byte x = 127;** |
| **x++;** |
| **x++;** |
| **System.out.print(x);** |
| **}** |
| **}** |

* 1. -127
  2. 127
  3. 129
  4. 2

1. **Find the output of the following code.**

|  |
| --- |
| **int ++a = 100;** |
| **System.out.println(++a);** |

* 1. 101
  2. Compile error as ++a is not valid identifier
  3. 100
  4. None

|  |
| --- |
| **6.public class Solution{** |
| **public static void main(String[ ] args){** |
|  |
| **int x = 5;** |
| **x \* = (3 + 7);** |
| **System.out.println(x);**  **}}** |

1. 50
2. 22
3. 10
4. None
5. **How many times will “Interviewbit” be printed.**

|  |
| --- |
| **int count = 0;** |
| **do{** |
| **System.out.println("Interviewbit");** |
| **count++;** |
| **} while(count < 10);** |

* 1. 8
  2. 9
  3. 10
  4. 11

1. **Identify the return type of a method that does not return any value.**
   1. int
   2. void
   3. double
   4. None
2. **Find the output of the following code.**

|  |
| --- |
| **if(1 + 1 + 1 + 1 + 1 == 5){** |
| **System.out.print("TRUE");** |
| **}** |
| **else{** |
| **System.out.print("FALSE");** |
| **}** |

* 1. TRUE
  2. FALSE
  3. Compile error
  4. None

1. **Find the value of A[1] after execution of the following program.**

|  |
| --- |
| **int[ ] A = {0,2,4,1,3};** |
| **for(int i = 0; i < a.length; i++){** |
| **a[i] = a[(a[i] + 3) % a.length];** |
| } |

A. 0

B. 1

C. 2

D. 3

1. **What is the difference between for loop and while loop ?**
2. **what is the syntax for variable declaration an initialization give 4 different examples**
3. **what are the features of java**
4. **write syntax for nested for loop**
5. **write syntax for while loop and do while loop**