Assignment -I

**1 What will be the output of the following code snippet?**

**def func(a, b):**

**return b if a == 0 else func(b % a, a) print(func(30, 75))**

1. **10**
2. **20**
3. **15**
4. **0**

**Ans. C) 15**

**2 numbers = (4, 7, 19, 2, 89, 45, 72, 22)**

**sorted\_numbers = sorted(numbers)**

**even = lambda a: a % 2 == 0**

**even\_numbers = filter(even, sorted\_numbers)**

**print(type(even\_numbers))**

1. **Int**
2. **Filter**
3. **List**
4. **Tuple**

**Ans.**