

Name:

1. Given the following:

```
x = 5
y, z = 1, 2

def f():
    global x
    x = y + z
```

```
f()
print(x)
```

What is the printed output?

- a. 5
- b. 3
- c. 1
- d. 2

2. Given the following:

```
def f(a, b, c=7):
    print(a, b, c)
```

```
f(2, 3, 1)
```

What is the printed output?

- a. 1 2 3
- b. 2 3 1
- c. 2 3 7
- d. 1 2 7

3. Given the following:

```
def f(spam, eggs, toast=0, ham=0):
    print(spam, eggs, toast, ham)
```

```
f(1, toast=1, eggs=2)
```

What is the printed output?

- a. 0 0 1 2
- b. 1 1 0 0
- c. 1 1 2 0
- d. 1 2 1 0

4. What does this code print?

```
X = 'Spam'
```

```
def func():
    X = 'NI'
    def nested(): print(X)
    nested()
```

```
func()
X
```

- a. 'NI' on first line, 'Spam' on second line
- b. 'NI' on first line, 'NI' on second line
- c. 'Spam' on first line, 'NI' on second line
- d. 'Spam' on first line, 'Spam' on second line

5. What does this code print?

```
def f(a, b, c=3, d=4): print(a, b, c, d)
```

```
f(1, *(5, 6))
```

- a. 1 5 3 4
- b. 1 5 6 4
- c. 5 6 3 4
- d. 1 3 4 5