1 What will be the output of the following code?

x = 10

if x > 5:

print("Greater")

else:

print("Smaller")

2 How many times will this loop run?

count = 0

while count < 3:

count += 1

A. 2

B. 3

C. 0

D. Infinite

Ans B

3 Which keyword is used to exit a loop prematurely?

A. exit

B. stop

C. break

D. quit

Ans C

4 What does the continue statement do in a loop?

A. Skips to the end of the program

B. Skips current iteration and moves to the next

C. Stops the loop

D. Repeats the current iteration

Ans B

5 Which of these is a valid for loop?

A. for x = 1 to 10:

B. for(int i=0; i<5; i++)

C. for x in range(5):

D. for each x in 5

Ans C

6 What is the output of this loop?

for i in range(1, 5):

print(i, end=" ")

A. 1 2 3 4

B. 0 1 2 3

C. 1 2 3 4 5

D. 0 1 2 3 4

Ans A

7 What is the default starting value in range(n)?

A. 1

B. -1

C. 0

D. Undefined

Ans C

8 Which loop is guaranteed to execute at least once?

A. for

B. while

C. do...while (in Python)

D. None

Ans D

9 What is the output?

x = 3

if x < 4:

if x > 2:

print("True")

else:

print("False")

A. True

B. False

C. Error

D. Nothing

Ans A