Worksheet

1

Name: ....

Roll No: .... Class: .... Section: ....

Date: ....

LOOPING IN PYTHON

1. **Tick (✓) the correct option.**

(a) Which of the following statements allows us to execute a set of instructions repeatedly till the given condition is satisfied?

(i) Decision making statements ☐ (ii) Looping statements ☐

(iii) Both (i) and (ii) ☐ (iv) None of these ☐

(b) In a/an .... loop, condition is tested before the start of the loop execution.

(i) Entry-controlled ☐ (ii) Exit-controlled ☐

(iii) Both (i) and (ii) ☐ (iv) None of these ☐

(c) What will be the return of the following code?

```
i=1
while i <=10:
    print (i)
    i = i+1
```

(i) Print the numbers 1 to 10 ☐ (ii) Print the numbers 2 to 9 ☐

(iii) Print the numbers 1 to 11 ☐ (iv) Nothing will print ☐

(d) A loop inside another loop is called .... loop.

(i) Combined ☐ (ii) Nested ☐

(iii) Merged ☐ (iv) None of these ☐

(e) The expression for i in range (1, 3, 1): print(i) will print ....

(i) 1 ☐ (ii) 2 ☐

(iii) 1 2 ☐ (iv) 1 1 ☐

(f) Which one of these statements is not a part of conditional statements?

(i) for ☐ (ii) if-else ☐

(iii) if ☐ (iv) None of these ☐

2. **Fill in the blanks.**

(a) The .... statement terminates the execution of the loop.

(b) The .... statement tells the Python compiler to skip the rest of the statements of the current loop/iteration and to move to next iteration.

(c) In the .... loop, the condition is tested at the end of the body of the loop.

Grade: ★ ★ ★ ★ ★

Teacher's Signature: ....