1.

1. Which of the following are used for the loop Control in Python Programming Language?

1. for

2. break

3. continue

4. pass

* 1 and 2
* 1, 3 and 4
* 1, 2, and 3
* 2,3 and 4

2.

Which of the following can be iterated using a for loop or a while loop?

1. String
2. List
3. Tuple
4. Integer

* 1 and 2
* 1, 3 and 4
* 1, 2, and 3
* 2,3 and 4

3.

 What will be the output of the following code:

for course in ['Data Science Masters', 'ML', 'data science masters', 'DL']:

    if len(course)!= 2:

        print('PwSkills' , end=' ')

* Pwskills Pwskills
* Pwskills
* Pwskills Pwskills Pwskills
* None

4.

What will be the output of the following code:

sum = 0

for i in range(1,100):

    sum += i

    if sum > 100:

        break

print(sum)

* A number equal to 100
* A number less than 100
* A number greater than 100
* None

5.

 What will be the output of the following code:

i=0

while i< 1:

    print('pwskills')

* Infinite loop
* 100 times pwskills
* 200 times pwskills
* None

6.

Choose the correct one for the given below statements.

1. for loop cannot be used with range().
2. for loop can be used with an if else statement.
3. for loop can be used with the break, continue and pass keywords.

* True, False, False
* True, True, True
* False, True, True
* False, False, False

7.

What is the purpose of the following code?

num = 2

sum = 0

while num <=20:

    sum += num

    num += 2

    count+=1

print(sum)

* Sum of first 10 Even numbers
* Sum of first 10 Natural numbers
* Sum of first 10 Odd Numbers
* None

8.

Which of the following can be used with if-else statements to check conditions?

1. == and !=
2. >= and <=
3. > and <

* 1,2, and 3
* 1 and 3
* 2 and 3
* None

9.

How many times the below program will return True?

for i in 'Pwskills':

    if i.lower() in ['a', 'e', 'i', 'o', 'u']:

        print(True)

* 8
* 1
* 3
* 7

10.

Which of the following statements is correct?

1. for loop is typically used when we know how many times the loop is required to run.
2. while loop repeats as long as its given condition is True.
3. break keyword is used to terminate a for and while loop.
4. pass keyword is used to skip the current iteration.

* 1 and 2 are correct
* 1, 3, and 4 are correct
* 1, 2, 3, and 4 are correct
* None