

1. How are "collection" variables different from normal variables?

1 point

- Collection variables merge streams of output into a single stream
- Collection variables can store multiple values in a single variable
- Collection variables can only store a single value
- Collection variables pull multiple network documents together

2. What are the Python keywords used to construct a loop to iterate through a list?

1 point

- def / return
- for / in
- try / except
- foreach / in

3. For the following list, how would you print out 'Sally'?

1 point

```
1 friends = [ 'Joseph', 'Glenn', 'Sally' ]
```

- print(friends[2:1])
- print(friends['Sally'])
- print(friends[2])
- print friends[3]

4. What would the following Python code print out?

1 point

```
1 fruit = 'Banana'
2 fruit[0] = 'b'
3 print(fruit)
```

- B
- banana
- Nothing would print - the program fails with a traceback error
- b
- Banana
- [0]

5. Which of the following Python statements would print out the length of a list stored in the variable **data**?

1 point

- print(len(data))
- print(data.Len)
- print(length(data))
- print(data.length)
- print(strlen(data))
- print(data.length())

6. What type of data is produced when you call the **range()** function?

1 point

```
1 x = list(range(5))
```

- A list of words
- A list of integers
- A list of characters
- A string
- A boolean (true/false) value

7. What does the following Python code print out?

1 point

```
1 a = [1, 2, 3]
2 b = [4, 5, 6]
3 c = a + b
4 print(len(c))
```

- 15
- 6
- [1, 2, 3]
- [1, 2, 3, 4, 5, 6]
- [4, 5, 6]
- 21

8. Which of the following slicing operations will produce the list [12, 3]?

1 point

```
1 t = [9, 41, 12, 3, 74, 15]
```

- t[1:3]
- t[:]
- t[2:2]
- t[12:3]
- t[2:4]

9. What list method adds a new item to the end of an existing list?

1 point

- add()
- push()
- forward()
- append()
- index()
- pop()

10. What will the following Python code print out?

1 point

```
1 friends = [ 'Joseph', 'Glenn', 'Sally' ]
2 friends.sort()
3 print(friends[0])
```

- Sally
- friends
- Joseph
- Glenn