

Chapter 6

Question 1

What does the following Python Program print out?

```
str1 = "Hello"  
str2 = 'there'  
bob = str1 + str2  
print(bob)
```

- ☐ Hello
 - ☒ Hellothere
 - ☐ Hello there
 - ☐ Hello there
-

Question 2

What does the following Python program print out?

```
x = '40'  
y = int(x) + 2  
print(y)
```

- ☐ x2
 - ☐ int402
 - ☐ 402
 - ☒ 42
-

Question 3

How would you use the index operator [] to print out the letter q from the following string?

```
x = 'From marquard@uct.ac.za'
```

- ☐ print(x[q])
 - ☒ print(x[8])
 - ☐ print x[-1]
 - ☐ print(x[9])
 - ☐ print(x[7])
-

Question 4

How would you use string slicing [:] to print out 'uct' from the following string?

```
x = 'From marquard@uct.ac.za'
```

- ☐ print(x[15:18])
 - ☐ print(x[14/17])
 - ☐ print(x[15:3])
 - ☐ print(x[14:3])
 - ☒ print(x[14:17])
 - ☐ print(x[14 17])
-

Question 5

What is the iteration variable in the following Python code?

```
for letter in 'banana' :  
    print(letter)
```

- ☐ 'banana'
 - ☐ print
 - ☐ in
 - ☒ letter
 - ☐ for
-

Question 6

What does the following Python code print out?

```
print(len('banana')*7)
```

- ☐ banana banana banana banana banana banana banana
 - ☐ banana7
 - ☐ -1
 - ☒ 42
-

Question 7

How would you print out the following variable in all upper case in Python?

```
greet = 'Hello Bob'
```

☐

```
console.log(greet.toUpperCase());
```

☐

```
print(uc($greet));
```

☐

```
puts(greet.ucase);
```

☒

```
print(greet.upper())
```

Question 8

Which of the following is **not** a valid string method in Python?

- ☒ boldface()
 - ☐ upper()
 - ☐ lower()
 - ☐ lstrip()
 - ☐ startswith()
-

Question 9

What will the following Python code print out?

```
data = 'From stephen.marquard@uct.ac.za Sat Jan  5 09:14:16 2008'
pos = data.find('.')
print(data[pos:pos+3])
```

- ☐ Sat
 - ☒ .ma
 - ☐ uct
 - ☐ mar
-

Question 10

Which of the following string methods removes whitespace from both the beginning and end of a string?

- ☐ wsrem()
 - ☐ strtrunc()
 - ☒ strip()
 - ☐ rltrim()
-