



Arab Academy for Science & Technology & Maritime Transport
College of Management & Technology
Business Information Systems Department
ELC479E/A – Computer Applications in Business
Worksheet 2

Choose the correct answers for the following questions.

1. What will be the output of the following Python statement? `Print("abcd"[2:])`

- a) a
- b) ab
- c) cd
- d) dc

2. What is the output of the following print() function

```
print(sep='-', 'Ben', 25, 'California')
```

- a) Syntax Error
- b) Ben–25–California
- c) Ben 25 California
- d) Ben–25 California

3. What will the following code return as the output if the 1st line of input is 1 and the 2nd line of input is 2?

- a) 3
- b) Error
- c) 12
- d) ab

```
a = input()
b = input()
c = a + b
print(c)
```

4. Input taken using input function can be converted into following data type.

- a) Int
- b) Str
- c) Boolean
- d) All of the above

5. In python how many parameters of input function?

- a) One
- b) Two
- c) Three
- d) Four

6. What does the following Python code snippet do?

- a) Prints “Hello, World!” in lowercase
- b) Converts “Hello, World!” to uppercase and prints it
- c) Reverses the string “Hello, World!”
- d) Removes all whitespace characters from the string “Hello, World!”

```
string = "Hello, World!"
print(string.upper())
```

7. What is the output of the following Python code snippet?

- a) "Hello"
- b) "lo, "
- c) "lo, W
- d) "lo, World"

```
string = "Hello, World!"  
print(string[3:7])
```

8. What does the isdigit() method do in Python string manipulation?

- a) Checks if all characters in the string are digits
- b) Converts the string to lowercase
- c) Checks if all characters in the string are alphabets
- d) Checks if the string is empty

9. Which method is used to convert the first character of a string to uppercase in Python?

- a) upper()
- b) capitalize()
- c) title()
- d) first_upper()

10. How do you start writing an if statement in Python?

- a) if x > y:
- b) if x > y then:
- c) if (x > y)

11. Suppose list1 is [2, 33, 222, 14, 25], What is list1[-1]?

- a) Error
- b) None
- c) 25
- d) 2

12. What will be the output of the following Python code?

```
names = ['Amir', 'Bear', 'Charlton', 'Daman']  
print(names[-1][-1])
```

- a) A
- b) Daman
- c) Error
- d) n

13. What will be the output of the following Python code?

```
names1 = ['Amir', 'Bala', 'Chales']  
if 'amir' in names1:  
    print(1)  
else:  
    print(2)
```

- a) None
- b) 1
- c) 2
- d) Error

14. Which python function will get you the size of the python list?

- a) Size ()
- b) Len ()
- c) Lenln ()
- d) List_len ()

15. What will be the output of the following Python code?

```
numbers = [1, 2, 3, 4]
print(len(numbers))
```

- a) 4
- b) 5
- c) 8
- d) 12

16. Write a program in python to find the length of elements in the List [20, 100, 30, 80, 50]

```
list = [20, 100, 30, 80, 50]
print (len(list))
```

17. Write a program for the user to enter his name and if name is less than 3 characters long, name must be at least 3 characters otherwise if its more than 50 characters long then name can be maximum of 50 characters. Otherwise name looks good!.

```
name = input ("Enter your name: ")

if len(name) <3:
    print("name must be at least 3 characters")
elif len(name) > 50:
    print("name must be a maximum of 50 characters")
else:
    print("name looks good")
```

18. Create a program in python that calculates an area of a rectangle

```
length = float(input("Enter the length of a rectangle"))
width = float(input("Enter the width of a rectangle"))

area= length * width
print(area, "cm^2")
```