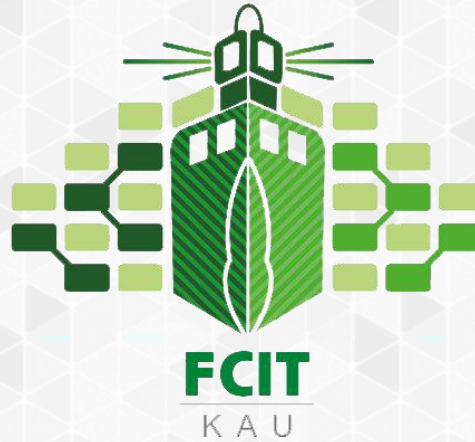


**FACULTY OF COMPUTING  
& INFORMATION TECHNOLOGY**

KING ABDULAZIZ UNIVERSITY



**كلية الحاسبات  
وتقنية المعلومات**

جامعة الملك عبدالعزيز

# Sample Exam Questions

## Chapter 3 (MCQ)

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CPIT 110 (Problem-Solving and Programming)



## تنبيه!

- هذه الأسئلة عبارة عن عينة فقط توضح طريقة أسئلة (الاختيارات) لمقرر البرمجة وحل المشكلات (CPIT-110).
- هذه الأسئلة لا يُعتمد عليها فقط للمذاكرة.
- قد لا تشمل هذه الأسئلة جميع المواضيع المقررة للاختبار.
- هذه الأسئلة مناسبة للمراجعة بعد الانتهاء من مذاكرة وتطبيق المواضيع المقررة للاختبار.
- حلول الأسئلة مرفقة نهاية صفحات هذا الملف.

# Question #1

What is `max(3, 5, 1, 7, 4)`?

- a) 1
- b) 3
- c) 5
- d) 7

# Question #2

What is `min(3, 5, 1, 7, 4)`?

- a) 1
- b) 3
- c) 5
- d) 7

# Question #3

What is `round(3.52)`?

a) 3.5

b) 3

c) 4

d) 2

# Question #4

What is round(6.5)?

- a) 4
- b) 5
- c) 6
- d) 7

# Question #5

What is round(7.5)?

- a) 6
- b) 7
- c) 8
- d) 5

# Question

## #6

Which of the following statement prints smith\exam1\test.txt?

- a) `print("smith\exam1\test.txt")`
- b) `print("smith\\exam1\\test.txt")`
- c) `print("smith\"exam1\"test.txt")`
- d) `print("smith"\exam1"\test.txt")`



# Question #7

The expression "Good " + 1 + 2 + 3 evaluates to \_\_\_\_\_.

- a) Good123
- b) Good6
- c) Good 123
- d) Illegal expression

# Question #8

What will be displayed by the following code?

```
print("A", end = ' ' )  
print("B", end = ' ' )  
print("C", end = ' ' )  
print("D", end = ' ' )
```

- a) ABCD
- b) A, B, C, D
- c) A B C D
- d) A, B, C, D will be displayed on four lines

# Question

## #9

To format a number `x` to 3 digits after the decimal point, use:

- a) `format(x, "5.3f")`
- b) `format("5.3f", x)`
- c) `format(x, "5.4f")`
- d) `format("5.3f", x)`

# Question

## #10

Suppose x is 345.3546, what is `format(x, "10.3f")`? (note b represents a blank space)

- a) `bb345.355`
- b) `bbb345.355`
- c) `bbbb345.355`
- d) `bbb345.354`

# Question

## #11

What will be displayed by the following code? ? (note ? represents a blank space)

```
print(format("Welcome", "10s"), end = '#')  
print(format(111, "4d"), end = '#')  
print(format(924.656, "3.2f"))
```

- a) ???Welcome#?111#924.66
- b) Welcome#111#924.66
- c) Welcome#111#.66
- d) Welcome???#?111#924.66

# Question

## #12

What will be displayed by the following code? ? (note ? represents a blank space)

```
print(format("Welcome", ">10s"), end = '#')  
print(format(111, "<4d"), end = '#')  
print(format(924.656, ">10.2f"))
```

- a) ???Welcome#?111#924.66
- b) ???Welcome#?111#????924.66
- c) ???Welcome#111?#????924.66
- d) Welcome???#111?#????924.66

# Question

## #13

Suppose number contains integer value 4, which of the following statement is correct?

- a) `print(format(number, "2d"), format(number ** 1.5, "4d"))`
- b) `print(format(number, "2d"), format(number ** 1.5, "4.2d"))`
- c) `print(format(number, "2d"), format(number ** 1.5, "4.2f"))`
- d) `print(format(number, "2d"), format(number ** 1.5, "4.2s"))`

# Solutions

Question #	Correct Answer
1	D
2	A
3	C
4	C
5	C
6	B
7	D
8	C
9	A
10	B

Question #	Correct Answer
11	D
12	C
13	C