ITM- 413/513 ***Quick Review*** (Chapters 5-6) –Solutions

1. What type of file access jumps directly to any piece of data in a file without reading the data that came before it?

a. Sequential b. Random c. Number d. Text

B

2. Assume that the customer file references a file object, and the file was opened using the ‘w’ mode specifier. How would you write the string ‘Mary Smith’ to the file?

|  |  |
| --- | --- |
| a. | customer\_file.write(‘Mary Smith’) |
| b. | customer.write(‘w’,‘Mary Smith’) |
| c. | customer.input(‘Mary Smith’) |
| d. | customer.write(‘Mary Smith’) |

D

3. What statement can be used to handle some of the run-time errors in a program?

|  |  |  |
| --- | --- | --- |
| a. | exception statement |  |
| b. | try statement |  |
| c. | try/except statement |  |
| d. | exception handler statement |  |

C

4. What statement below is a correct call to function func?

def func(farg, \*\*kwargs):

print ("formal arg:", farg)

for key in kwargs:

print ("another keyword arg: %s: %s" %

(key, kwargs[key]))

a. func('one','two', c='three',d='four') **b. func('one',c='three',d='four')**

c. func(c='three',d='four') d. func('one','two', 'three', 'four')

5. Which of these is associated with a specific file and provides a way for the program to work with that file?

a. Filename b. Extension c. File object d. File variable

ANS: C

6. Which method will return an empty string when it has attempted to read beyond the end of a file?

a. read b. getline c. input **d. readline**

7. What will be displayed given the following function definition and function call?

def divide(x, y):

try:

result = x / y

except ZeroDivisionError:

print ("division by zero!")

else:

print ("result is", result)

finally:

print ("executing finally clause")

divide(2, 1)

**result is 2.0**

**executing finally clause**

Questions 8-9 refer to the following code.

# Open a file

fo = open("foo.txt", "w")

fo.write( "Python is a great language.\nYeah its great!!\n");

# Close opened file

fo.close()

8. What will be displayed given the code?

# Open a file

fo = open("foo.txt", "r+")

str = fo.read();

print ("Read String is : ", str)

# Close opened file

fo.close()

**Read String is : Python is a great language.**

**Yeah its great!!**

9. What will be displayed given the code?

# Open a file

fo = open("foo.txt", "r+")

str = fo.readline();

print ("Read String is : ", str)

# Close opened file

fo.close()

**Read String is : Python is a great language.**