ITMD- 413/513 ***Quick Review*** (Chapters 1-2) -Solutions

1. In \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ mode, the interpreter reads the contents of a file that contains Python statements and executes each statement.

**script**

2. True/**False**: A bit that is turned off is represented by the value -1.

3. What type of error produces incorrect results but does not prevent the program from running?

|  |  |
| --- | --- |
| a. | syntax |
| **b.** | **logic** |
| c. | grammatical |
| d. | human |

4. The line continuation character is a \_\_\_\_\_.

|  |  |
| --- | --- |
| a. | # |
| b. | % |
| c. | & |
| **d.** | **\** |

5. What is the output of the following print statement?

print(‘The path is D:\\sample\\test.’)

|  |  |
| --- | --- |
| a. | ‘The path is D:\\sample\\test.’ |
| b. | The path is D:\\sample\\test. |
| c. | The path is D\\sample\\test. |
| **d.** | **The path is D:\sample\test.** |

6. True/**False**: According to the behavior of integer division, when an integer is divided by an integer, the result will be a float.

7. When applying the .3f formatting specifier to the following number, 76.15854, the result is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**76.159**

8. A(n) \_\_\_\_\_ chart is also known as a structured chart.

|  |  |
| --- | --- |
| a. | flow |
| b. | data |
| **c.** | **hierarchy** |
| d. | organizational |

9. What will be the outcome of the following statement?

num1, num2 = 6

|  |  |  |
| --- | --- | --- |
| **a.** | **An exception will be raised** |  |
| b. | num1 and num2 will both equal 6 |  |
| c. | num1 will equal 0 and num2 will equal 6. |  |
| d. | None of the above |  |

10. What will print given the fllowing code snippets?

str = "Python Superstars!!";

print (str.rjust(10));

|  |  |  |
| --- | --- | --- |
| a. | An exception will be raised |  |
| **b.** | **Python Superstars!!** |  |
| c. | Python Superstars!! |  |
| d. | Absolutely nothin’ |  |

11. What will print given the following code snippets?

str = "Python Superstars!!";

print (str.rjust(20));

|  |  |  |
| --- | --- | --- |
| a. | An exception will be raised |  |
| b. | Python Superstars!! |  |
| **c.** | **Python Superstars!!** |  |
| d. | Absolutely nothin’ |  |

12. What will print given the following code snippet?

str = "Python Superstars!!";

print (str.ljust(20),"the end", sep="");

|  |  |  |
| --- | --- | --- |
| a. | An exception will be raised |  |
| b. | Python Superstars!!the end |  |
| **c.** | **Python Superstars!! the end** |  |
| d. | Python Superstars!! the end |  |

13. Write a print statement to format the string variable str which is assigned the value of ‘Python” to be displayed followed by the word “power” on one line. Keep exactly 10 spaces between words.

example of display:

Python power

**print ('%-15s power' % str);**