2. What is the output of following JavaScript code snippet?

```
function divide(a, b)
{
alert( a / b );
}
divide(3, '3')
```

○ NaN

○ TypeConversionError

○ Syntax Error

◉ None of the Above

3. In context of python, choose the right option that you will use to read the entire remaining contents of
the file as a string from a file object called 'test_file'

○ test_file.read(2)

◉ test_file.read()

○ test_file.readline()

○ test_file.readlines()

4. Which one of the steps is not a part of requirements engineering?

○ Elicitation

○ Analysis

◉ Design

○ Documentation

5. Consider the following statements in context to Python. Choose the right answer from the following options about the statements.

A. Values inside a dictionary are accessed using square brackets just as list
B.
Dictionaries can have keys of a variety of data types: integers, floats, strings, or tuples
C. List and dictionaries can contain multiple values and not other dictionaries.

(-/1 Points)

⦿ A, B, C are correct

○ B & C only are correct

○ A & B only are correct

○ None of the above

6. Choose the right option for the result value from the below JavaScript Code snippet

let result = 5 > 4;
alert(result);

(-/1 Points)

○ False

⦿ True

○ Incorrect assignment

○ Exception Not found

7. Given a statement as below, write a python script to convert lower case into upper case and vice versa, without using any in-build functions.

Input: "Sun sETs in the WeSt"

Expected Output: "sUN SetS IN THE wEst"

(0/4 Points)

Enter your answer

8. What is the output of following JavaScript code snippet?

```
for (let i = 1; i < 4; i++)
{
if (i != 3) continue;
console.log(i);
}
```

(-/1 Points)

- NaN

- 2

- ◉ 3

- 0

9. Considering the following python script and explain what is the output of Line 4 and Line 5 and why ?
Explain the reason clearly. Answer in a single sentence should be fine. Please do not write paragraphs!

1. first = [1,2,3,4,5]
2. second = first
3. second.append(6)
4. print(first)
5. print(second)

Both the arrays 'first' and 'second', reference the same array object. Hence, changes made to second are reflected in first.

10. Given two list A & B of integer numbers, write a python script to merge it into sorted list of unique integers

A = [10,80,2,3,5]
B = [90,12,4,5,2,3]

Expected Output: [2, 3, 4, 5, 10, 12, 80, 90]

```
A =[10,80,2,3,5]
B = [90,12,4,5,2,3]
newlist=list(set(A+B))
newlist.sort()
print(newlist)
```

11. In context of python, Which of the following statements are true?

○ When you open a file for reading, if the file does not exist, an error occurs

○ When you open a file for writing, if the file does not exist, an error occurs

○ When you open a file for reading, if the file does not exist, the program will open an empty file

○ None of the Above

12. Consider the following statements in context to lambda functions in Python. Select the correct answer from the following options.

A. Lambda functions make it easy to read the code.
B.
They are useful in allowing quick calculations or processing as the input to other functions.
C. Lambda functions are used for functional programming
D. They can be useful as quick, throwaway single line functions.

○ A, B only are correct

○ A, C only are correct

◉ B, C, D only are correct

○ A, B, C, D are correct

13. In context of Python, only positive numbers are considered as valid list indices. Please choose the right option from the following

○ The statement is Correct

○ The statement is Incorrect

◉ The statement is partially correct

○ None of the above

This content is created by the owner of the form. The data you submit will be sent to the form owner. Microsoft is not responsible for the privacy or security practices of its customers, including those of this form owner. Never give out your password.