1. Why are functions advantageous to have in your programs?

Functions are advantageous for our program as it gives re-usability to the code and saves time.

2. When does the code in a function run: when it's specified or when it's called?

When the function is called then the code of function runs.

3. What statement creates a function?

def keyword is used for creating functions.

4. What is the difference between a function and a function call?

The difference between function and a function call is that function is just the defining the codes of it , whereas function call is calling the function to run the code which is specified under it.

5. How many global scopes are there in a Python program? How many local scopes?

There is only one global scope per python program.

It can be any number of local scopes available in a python program.

6. What happens to variables in a local scope when the function call returns?

The local variables are destroyed when the execution of the function call returns.

7. What is the concept of a return value? Is it possible to have a return value in an expression?

The return is a value that a function returns to the calling function when it completes its task.

Yes, it is not possible to have a return value in an expression.

8. If a function does not have a return statement, what is the return value of a call to that function?

None. will be the return value.

9. How do you make a function variable refer to the global variable?

By adding the global keyword before the function variable.

10. What is the data type of None?

None is the data type of its own(NoneType).

11. What does the sentence import areallyourpetsnamederic do?

This import will throw an error as areallyourpetsnamederic is not an actual module.

12. If you had a bacon() feature in a spam module, what would you call it after importing spam?

spam.bacon()

13. What can you do to save a programme from crashing if it encounters an error?

We can use the concept of exception handling by using try and except block in order to save the programme from crashing.

14. What is the purpose of the try clause? What is the purpose of the except clause?

The purpose of try block is to test the block of code.

The purpose of except block is to handle the error.