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

Functions reduce the need for duplicate code. This makes programs shorter, easier to read, and easier to update.

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

The code inside a function runs when it is called.

**3. What statement creates a function?**

‘def’ keyword is used to create a function in python.

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

A function is a block of code that does a particular operation and returns a result. It usually accepts inputs as parameters and returns a result. The parameters are not mandatory. A function call is the code used to pass control to a function.

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

There is only one global scope in python. There can be many local scopes in a python program as each function has its own local scope.

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

The variables are removed from memory after 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 value that a function returns to the caller is generally known as the function’s return value. All Python functions have a return value, either explicit or implicit. Yes it is 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?**

It will return a default value ‘None’.

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

We can use the global keyword to refer to the global variable using a function variable.

**10. What is the data type of None?**

The data type of None is NoneType.

**11. What does the sentence import areallyourpetsnamederic do?**

It will import all the functions present in ‘areallyourpetsnamederic’ module and make them accessible to the current module.

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

from spam import bacon

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

We can use the practices of exception handling such as try except clauses to save the code from crashing.

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

The try clause lets you test a block of code for errors. Except is used to handle the error without crashing the program.