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

Sol. Function help us to write already written code multiple times we can just call the function to do the same operation again.

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

Sol. When it is called

1. What statement creates a function?

Sol. “def” is used to create the function

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

Sol. Function is consist of codes into it and Function call is when it is called to perform and execute to get output out of it

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

Sol. There is one global scope, and one local scope

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

Sol. we will not be able to get any return out of the function

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

Sol. A return statement is used to end the execution of the function and The statements after the return statements are not executed. If the return statement is without any expression, then the special value None is returned and yes it is possible to have a return value in an expression.

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

Sol. If a function doesn't specify a return value, it returns None

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

Sol. Using global xyz(var name)

1. What is the data type of None?

Sol. data type of None is NoneType

1. What does the sentence import areallyourpetsnamederic do?

Sol. Giving error as no module exists

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

Sol. spam.bacon()

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

Sol. using exception handling (try and except block)

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

Sol. The try block lets you test a block of code for errors. The except block lets you handle the error. And if any error occurs in try block it will execute in except block and program will run without crashing