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

Ans.

Avoids Repetition of code , Code maintenance and updation becomes easy, ans increased readability.

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

Ans. When a function is called.

1. What statement creates a function?

Ans.

def Function\_Name( parameters):

Body\_OF\_Function

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

Ans.

Function is a way of performing certain actions to get desired results while function call is calling the function to perform desired task and achieve desired result.

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

Ans.

There are 2 global scopes one is builtin and one is global While there are 2 local scopes 1 is local and 1 is enclosed scope.

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

Ans. It gets destroyed

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

Ans. Return value terminates the function call and return the result to function call. Yes

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

Ans. In this case after execution of last statement of function it automatically returns to the function call and the return value of function is undefined

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

Ans. By using global keyword

1. What is the data type of None?

Nonetype

1. What does the sentence import areallyourpetsnamederic do?

Ans. Imports a module named areallyourpetsnamederic

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

Ans spam.bacon()

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

Ans. By Error Handling

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

Ans. Try clause lets us check the block for code while except clause lets us handle the error encountered in try clause .