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

Ans : It’s advantageous to have function in programming as it simplify and enable us to breakdown large programme in smaller parts /chunks each performing there dedicated specified task for which written . We can use function over and over again multiple times rather than writing/calling multiple times .

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

Ans:

Whenever a function is called it leave the current section of code and start the execution from very beginning , comes to line of code containing functions , execute them from top to bottom and then leave the function and go back to initial point .

3. What statement creates a function?

Ans:

Statement consisting name of function with list of arguments enclosed with it creates a function .

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

Ans:

A function is blocks of code doing particular operations by accepting inputs as parameters to provide results In return where as function call is set of code to pass control to function .

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

Ans:

There is only one global scope in python per programme execution . Function being created in main body of python is the global variable and belong to global scope . There are n numbers of local scope and whenever variable created inside a function belong to local scope .

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

Ans :

The local variable becomes undefined once function call completes and it only retains its value until next time function is called

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

Ans:

Concept of return value is to end the execution of function call and provide the result. Yes it’s possible to have return value in expression .

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

Ans :

In above case if function doe’nt have return statement then function will return automatically to last executed function. Return value of the function is undefined .

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

Ans:

By using word global before function .

10. What is the data type of None?

Ans:

(None Type)

11. What does the sentence import areallyourpetsnamederic do?

Ans:

Above statement will import following module :

‘areallyourpetsnamederic’ .

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

Ans:

Spam.bacon()

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

Ans:

Don’t know

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

Ans:

Try block let us test block of code for error presence vs except block let us handle the error .