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

Ans: - It reduces duplication in a code. Due to this the code is easier to read and update.

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

Ans:- The function runs when it is called.

3. What statement creates a function?

Ans:- def

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

Ans:- A function is a piece of code written under "def” statement and always a function has a return value. And in a function call the execution of the code within the function block happens and it gives the return value.

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

Ans:- There is one global scope and during function call local scope got created.

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

Ans:- The local scope got destroys.

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

Ans:- Return value is that value which is going to evaluate during function call. 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?

Ans:- None

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

Ans:- If it is a global variable, then automatically the function variable refers to the global variable.

10. What is the data type of None?

Ans:- NoneType

11. What does the sentence import areallyourpetsnamederic do?

Ans:- It imports a module named 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:- By using try and exception.

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

Ans:- The piece of code which may produce error goes to the try clause and if an error happens during execution of code then it goes to except clause.