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

Ans : Functions are used as they are increase reusability .

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

Ans: When it is called

3. What statement creates a function?

Ans : Def statement creates a function

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

Ans : Function is a block of code where as the function call is a statement where the block of code is called and implemented.

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

Ans : There is only 1 global scopes. There are 2 local scopes – enclosing and local.

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

Ans: the values in the local scope is lost .

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

Ans : When a function returns a value using a return keyword then the value is called as a return value. 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 : Function will have a None value as a return .

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

Ans: using the keyword global

10. What is the data type of None?

Ans: the data type of None is “None Type”.

11. What does the sentence import areallyourpetsnamederic do?

Ans: it imports a module called 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: write appropriate exceptions to handle errors

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

Ans: Try clause helps to check the block of code for errors and rather than blocking the entire code , it will only skip lines inside try but the lines after that will be executed.

Clause block helps to handle the errors that is encounetered in the try block.