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

Ans-1) Function help us to reduce the duplicate in the code. With the help of function we can prevent repetition of the same block of code. Once function is define we can call as many time as we want.

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

Ans-2)When we call a function the block of code of the function run.

3. What statement creates a function?

Ans-3) def function\_name():

This statement def define a function.

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

Ans-4) A function is a block of code which that do particular operation and return a result. A function call is a expression that pass the control and argument (if any) to a function.

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

Ans-5) Basically there are four scopes in the python. And actively two scope are always present while running a program in python.

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

Ans-6)When function call return the local scope variable has been deleted.

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

Ans-7) Return is a value that a function return once the function call and completed it task. Python function has always a return value so 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-8) If a function does not have a return statement, then the return value of a call to that function is undefined.

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

Ans-9) With the help of global keyword we can make a function variable to the global variable.

10. What is the data type of None?

Ans-10) None is used to define null value and the none is a data type of it’s own NoneType

11. What does the sentence import areallyourpetsnamederic do?

Ans-11) This will going to import a module name areallyourpetsnamederic.

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

Ans-12) We have to call spam.bacon() to utilise the feature.

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

Ans-13) We can put the program in try and exception block where the try run the program and it will throw error message and that error will handle by except block.

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

Ans-14) The purpose of try block is to test the block of code for the errors. And the purpose of except block is to handle the error.