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

Ans- Functions reduce our task of writing a similar kind of code again and again. It makes the code simpler, easy to read and understand.

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

Ans- It runs when the function is called.

3. What statement creates a function?

Ans- def func\_name():

Helps creating a function.

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

Ans- def func\_name(): #defining the function

Func\_name() #calling the function

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

Ans- As per python we have only one global scope, it helps determine where program name is visible.

Local scope is made as and when needed(while calling a function)

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

Ans- The local scope looses its existence or in other terms gets destroyed.

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

Ans- Value that a function calls to process or evaluate is known as return value. Its just like any other value hence, can be used 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- It will not give any output.

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

Ans- By inserting global keyword. Ex- global x = 5

10. What is the data type of None?

Ans- NoneType is the data type of none.

11. What does the sentence import areallyourpetsnamederic do?

Ans- It will import the module which is under the name areallyourpetsnamederic.

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

Ans- import spam

spam.bacon()

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

Ans- We can use exception handling using Try and Except.

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

Ans- They both are used to handle errors in our code. Specifically Try block executes when there is no error, while in except block will execute when a error is found in try block.