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

Ans: Using functions we can avoid rewriting the same logic or code again again in program. We can call python functions multiple times in a program and anyehere. Reusability is the main achievement of python function.

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

Ans: The function run while we call it. We specify a function when we want to give some statements and expressions. We call a function when we want perform some operations on the function.

3. What statement creates a function?

Ans: def function():

pass

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

Ans: Function is the block of code where we give some staments ans expressions. Function call used to perform actions on function.

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

Ans:There are two global scopes in python and 2 scopes are in local scope.

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

Ans:When we call a function we can call that variable only that perticular function. We can not call it outside that function.

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

Ans: Returning a value is return the values associated with a perticular variable or expression. 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: It will not return anything.

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

Ans:

count = 0

def count\_a\_number():

count += 1

print(count)

count\_a\_number()

10. What is the data type of None?

Ans: A none data type does not return anything. Print() function does not return anything.

11. What does the sentence import areallyourpetsnamederic do?

Ans: It will throw an error that no module name areallyourpetsnamederic.

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

Ans: We will call it the function.

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

Ans:We can use exception handling to revent a programme from crash.

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

Ans: try clause used to write the suspecious code. It the block where we write the that that may occur some errors.

Except clause is used to throw an error. Here we print our own message or it can show predefined errors from the Exception class.