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

**Answer: Function reduces duplication of code. It makes it easier to read and update.**

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

**Answer : When we call the function then function code gets executed. Code will not execute when it is specified.**

3. What statement creates a function?

**Answer : The def statement defines a function.**

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

**Answer : A function consists of the def statement and the code in its def clause.**

**A function call is what moves the program execution into the function, and the function call evaluates to the function's return value.**

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

**Answer: There are Global and Local scope in Python. local scope is created whenever a function is called.**

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

**Answer: When function returns, the local scope gets destroyed.**

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

**Answer : A return value is the value that a function call evaluates to. Like any value, a return value can be used as part of an expression.**

8. If a function does not have a return statement, what is the return value of a call to that function?

**Answer : When there is no return statement it return nothing(None).**

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

**Answer : A global statement will force a variable in a function to refer to the global variable.**

10. What is the data type of None?

**Answer : The data type of None is NoneType.**

11. What does the sentence import areallyourpetsnamederic do?

**Answer : That import statement imports a module named areallyourpetsnamederic.**

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

**Answer : spam.bacon().**

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

**Answer : Place the line of code that might cause an error in a try clause.**

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

**Answer : The code that could potentially cause an error goes in the try clause.**

**The code that executes if an error happens goes in the except clause.**