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

**Ans:** Below are advantages of function

* Code Reusability
* Improving clarity of the code
* Reducing duplication of code

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

**Ans:** code in a function run when it’s called.

3. What statement creates a function?

**Ans:** def statement

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

**Ans:** 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?

**Ans:** There is only one global scope and local scope is created whenever function is called.

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

**Ans:** Local scope is destroyed and all variables are forgotten.

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

**Ans:** Return value is the value that a function call evaluates to. Yes return value can be used as a part of expression.

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

**Ans:** It’s return type will be None.

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

**Ans:** Using global statement we can force to use a global variable.

10. What is the data type of None?

**Ans:** NoneType

11. What does the sentence import areallyourpetsnamederic do?

**Ans:** It will import a module named 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:** 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?

**Ans:** 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.