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

**Ans** :

**Functions are reusable. It reduces the time and effort. Also, functions are easy to read and easier to update**

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

**Ans :**

**The function run when it is called**

3. What statement creates a function?

**Ans** :

**Def statement creates function**

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

**Ans** :

**Function is in def statement and code is in def clause. A function call executes the function code and evaluate function return value**

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

**Ans** :

**There is one global scope, and a local scope is created whenever a function is called.**

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

**Ans :**

**When a function returns, the local scope is destroyed, and all the variables in it are forgotten.**

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

**Ans** :

**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?

**Ans** :

**If there is no return statement for a function, its return value is None.**

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

**Ans** :

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

10. What is the data type of None?

**Ans** :

**NoneType**

11. What does the sentence import areallyourpetsnamederic do?

**Ans** :

It **imports** areallyyourpetsnamederic module

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 :**

**Put the code in try clause**

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

**Ans** :

**In try clause we put code that has potential to cause error. If a code causes error in try block then code executes in except block**