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

**Answer:**

- Function makes a program more readable

- Function can be reused any number of times after it is defined

- Use o function reduces the size of program

- Function help in code modularity

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

**Answer:** The function gets executed when it is called.

3. What statement creates a function?

**Answer:** def

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

**Answer:** Function is a reusable block of code. When the block of code is called by its name in another code segment then it is known as function call.

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

**Answer:**

One global scope

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

**Answer:** The local variables are destroyed

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

**Answer:**

When a function returns a value to the calling function, then we use return keyword to return the value.

It is not 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?

**Answer:** None

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

**Answer:** We can use **global** keyword to make a function variable as global variable

10. What is the data type of None?

None is the special data type in Python. It just represents the absence of the value.

11. What does the sentence import areallyourpetsnamederic do?

Import statement makes code of one file available in another file

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

spam.bacon()

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

We can use exception handling mechanism that is try – except block to avoid crashing of program.

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

try is used to define a block where we can keep the code which may generate some error and crash the program at run time.

except is used to handle the exceptions generated inside the try block.