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

By definition, Function is a named section of code that performs a specific task. In simple word it is reusable piece of code which can be called even multiple times to perform its specific task.

Advantage – As it is a reusable code, it is used to reduce the number of lines if we want to execute the specific task multiple times.

We can use the functions created by other developer if we import the modules, so it saves time on the piece code which are already created

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

We need to call the function in order to execute it.

**3. What statement creates a function?**

‘def’ is a keyword used to create the function.

Proper syntax is as follows

def function\_name():

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

Function is a block of code, it is written to do some expected calculations and deliver a result where as the function call is a call to invoke the specific function to do the defined task.

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

In any python program, we can have only 1 global scope whereas we can have as many Local scopes as we require.

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

Variable in local scope is terminated or destroyed function call returns

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

The value obtained after execution of the function is called as return or return value. Yes, 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?**

Function without return value produces None as return value on execution

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

To refer to a global variable in a function, we have to use the global keyword to declare which variables are global.

**10. What is the data type of None?**

NoneType object type

**11. What does the sentence import areallyourpetsnamederic do?**

It will show the ModuleNotFoundError

**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?**

Exception Handling is used to save a programme from crashing if it encounters and error

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

Try clause is used to test the code for errors and Except clause will be used to handle the errors