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

* Reusability of the code resulting in short programs
* Easy to make changes and update the errors

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

when the function is called3

3. What statement creates a function?

“def”

Eg: def func():

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

A function has only the “def” statement, whereas the function call has a defined “return ” statement which returns a value or in other words a meaningful Output

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

Global Scope – 1 for any program

Local Scope – Can create “n” number of local scopes in the program whenever a function is

called

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

They are cleared from the memory

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

A return value is used to return the value of the expression which is used in the function.

Eg: def func(a,b):

return a+b

func(4,5)

Output:

9

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

No value is returned which means the value is NONE

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

Using Global Keyword

Eg:

b="Hi"

def func():

global b

b="Hello"

return b

func()

Output:

‘Hello’

10. What is the data type of None?

NoneType.

11. What does the sentence import areallyourpetsnamederic do?

It will import the module “areallyourpetsnamederic”

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?

Using try clause

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

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.