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

It helps to break down the complex problems into multiple simple problems.

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

When it is called.

3. What statement creates a function?

def function(args1,args2):

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

In a function we specific steps to perform a particular task

In function call we pass arguments to function to execute the steps specified in function,.

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

Local scopes are multiples; we can have any number of local scopes, but only one global scope.

Like take a example, if we have defined user\_id.

So to perform multiple task form the user\_id we use it in the local scopes were the value of the original or the global variable Is not changed.

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

There are no changes in the global variable; it will only execute what we have defined in the function.

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

It is for immediate exit from the function, by exiting the value or none.

No it is not possible to have the return value in the expression.

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

a=int(input( ))

b=int(input( ))

def additon (a,b):

   a+b---------------------if we don’t give return keyword it will return none.

This will return none.

None.

Return value returns the variable or the expression defined after the return keyword.

a=int(input( ))

b=int(input( ))

def additon (a,b):

  return a+b

this will return the value of a+b

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

By defining that variable by global.

Example:-

a=1

b=int(input())

def global\_var(a,b)

  global a------------we have defined the variable a as global scope.

  return a+b

10. What is the data type of None?

NoneType

11. What does the sentence import areallyourpetsnamederic do?

It is used to import the module

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

Try and except

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

In try we give the logic,

And in except we process the logic.