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

ANS: Function reduces the need for duplicate code. This makes program shorter ,easier to read and easier to update.

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

Ans: when function is called

1. What statement creates a function?

Ans: def ()

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

Ans ; function – def()

Function call when program execute into function value and function evaluates the function return value.

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

Ans: Global scope is one

Local is whenever function is created

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

Ans: when the function return valueen local scope destroyed ,means all the variables in it forgotten

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

Ans : For example:

def function(num):

if x<=0

return(num)

Return value when function is called.

Yes its can part of expression.

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

Ans: When no return value it means it gives none as return value.

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

Ans: To create a global variable inside a function we use global keyword

x=’megha’

def my\_func()

global x

my\_fun()

print(‘python is’+ x)

1. What is the data type of None?

Ans: none type

1. What does the sentence import areallyourpetsnamederic do?

Ans : There is no statement in python

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

Ans : spam.baccon()

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

Ans: Place the line of code that might cause an error in a try clause.

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

Try clause – when error caused by code is potential then it is kept in try clause

Except clause – when error caused when code execute