Ques-1:Why are functions advantageous to have in your programs?

Answer-1:By the usage of functions,we can prevent writing same block of codes again and again.Once a function is defined,you can call it anywhere in the programme as many times as you want.

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

Answer-2:A function can be made to run only when it is called.Specifying a function will not execute it.

Ques-3:What statement creates a function?

Answer-3:We can use the keyword ‘def’ in order to define a function.

Ques-4:What is the difference between a function and a function call?

Answer-4:A function is just a set of codes to perform a particular task while a function call is the name of the function along with () to use that particular function.

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

Anwer-5:We have one global scope and one local scope in Python.

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

Answer-6:When the function call returns,the variables in the local scope cease to exist.

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

Answer-7:While defining a function,if we want to receive some value or result(called as return value ) in some variable we can use return statement.No its 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-8:If a functions does not have any return statement then it will return None.

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

Answer-9:We can use the keyword global before the name of that variable.

10. What is the data type of None?

Answer-10:It is NoneType.

11. What does the sentence import areallyourpetsnamederic do?

Answer-11:If we want to import a module,then we can use import+module name.The given instruction importing module named areallyourpetsnamederic.

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

Answer-12:We can use spam.bacon() to execute bacon() function.

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

Answer-13:The simple answer is to use try and except block.We can put our suspicious code in try clause and save our programme from unexpected crashes.

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

Answer-14:If we have a code that might cause an error in production or thah might crash our entire programme,here come the concept of try and except clause.Try clause tries to find a runtime error while except clause catches that error and shows on the screen without crashing the entire programme.