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

Ans: With the use of function in a program:

- It makes program easier,shorterby avoiding repetition of same code.

- It divides complex program into simple logic/code

- It provides clarity to program

- Same function can be called multiple times hence ot avoid duplication of code

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

Ans: code in a function run when it is called.

3. What statement creates a function?

Ans: The “def ” keyword creates a function.

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

Ans: A function can be defined as asset of code which performs particular operations and generate result.

A function call can be set of code which is used to pass control to a function.

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

Ans: There is only one global scope.

A local scope is created whenever a function is called

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

Ans: When a function returns all the local variables get destroyed and all the variables in it re forgotten.

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

Ans: A return value is the value that a function cal evaluates to. Yes return value can be in expression.

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

Ans: Return value will be “none”

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

Ans: If you want to refer to a global variable in a function, you can use the global keyword to declare which variables are global.

10. What is the data type of None?

Ans: The data type of none is “none type”

11. What does the sentence import areallyourpetsnamederic do?

Ans: The import sentence import a module named “**areallyourpetsnamederic**”

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

Ans: The function can be called with **spam.bacon()**

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

Ans: By method of exceptional handling this can be done.The control can be passed through try and except statement.It will throw error instead of crashing the program.

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

Ans: The try clause used to test a block of code for error.

The except clause used to handle the error.