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

Ans: Function can be reused from any part of program without writing the program repeatedly. Programs can be built in structured way in segmentation.

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

Ans: When the function is called

3. What statement creates a function?

Ans: By using ‘def’ keyword

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

Ans: Function is a segment of a program which can be used by calling. This calling is done by function call.

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

Ans: One scope in global scope.Local scopes depend on the number of function call.

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

Ans: A variable is destroyed after the function call returns

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

Ans: Inside the function , some operations happen and after that result creates which may be used to main program by returning the result from the function .

Yes, value can be returned in an expression

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

Ans: value is ‘None’

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

Ans: By using “global” keyword.

10. What is the data type of None?

Ans: NoneType

11. What does the sentence import areallyourpetsnamederic do?

Ans: When we run the program , it will show “ModuleNotFoundError”

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

Ans: spam.bacon()

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

Ans: I use try except keyword

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

Ans: try clause is used when the program raises exception .after raising the exception in try block the except block is excuted.