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

Ans)Functions can be reused in the programs, reduces duplication of code

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

Ans)The code in function runs when its called.

3. What statement creates a function?

Ans) def function():

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

Ans)A function is a procedure to achieve a particular result while function call is using this function to achieve that task.

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

Ans)

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

Ans)The local variable still exists when 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)The return is used to end the execution of the function defined.it is not possible to have 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?

Ans)None

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

Ans)

10. What is the data type of None?

Ans) Nonetype

11. What does the sentence import are all your pets name deric do?

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

Ans)from spam import bacon

bacon()

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

Ans)we can use the try except clause to handle the program to save the program from crashing

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

Ans)The try clause is used to test the block of code errors and the except clause is used to raise an exception when it encounters an errors