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

**Ans** – by having function in our code we can reuse the entire again and again when we require by just giving the input to the function call.

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

**Ans** – the code in a function run when code Is run

3. What statement creates a function?

Ans – def statement creates a function

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

**Ans** – a function is group of statement which is used to perform the certain task.

And function call is calling that function when it requires.

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

**Ans** – there is only one global scope in python program.

And also, only one local scope.

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

**Ans** – when function call returns local scope variables is destroyed.

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

**Ans** – return value is an optional to the function definition. When return value is called it is going to take at position from where it is being called. Return is only used inside function.

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

Ans – if a function does not have a return statement, then return value of call to that function is **null**.

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

**Ans** – to make a function variable refer to the global variable to use global keyword to the variable

Example – global x

10. What is the data type of None?

**Ans** – the datatype of None is **Nonetype**.

11. What does the sentence import areallyourpetsnamederic do?

**Ans** – this sentence import all the module and reuse in your program when it is needed.

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

**Ans** – if we have imported spam module inside our program then we can call bacon() function using

Import spam

Spam.bacon()

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

**Ans** - we can use exception handling in our program to avoid crashing if any error encounter.

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

**Ans** – the purpose of try clause is trying some piece of code. If it has any error causing statement then we can handle it in except clause.