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

**Ans : The main advantage of the function is code reusability. In functions we can reuse the code where ever we need by calling the name of that particular function**

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

**Ans: When a function is called the program will execute the first line inside the function. Thus the function flow of control after reading The program comes to a line of code containing a function call.**

3. What statement creates a function?

**Ans : In python the keyword def followed by name of function() is used to create function**

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

**Ans : function is 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 : In python one global and four local scopes are available**

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

**Ans : By default, the assignment statement creates variables in the local scope. So the assignment inside the function does not modify the global variable a it creates a new local variable called a , and assigns the value to that variable.**

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

**Ans : The concept of return value is to transfer the value to the necessary function called area**

**and it is possible to return a value inside the expression condition**

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 doesn't specify a return value, it returns None.**

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

**Ans : The keyword global is used to refer to a global variable in a function,**

10. What is the data type of None?

**Ans : The data type of none is type(None) NoneType**

11. What does the sentence import areallyourpetsnamederic do?

**Ans : That import statement imports a module named areallyourpetsnamederic.**

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

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

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

**Ans : I will use try catch Exception handling to encounters an error**

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

**Ans : The code that rise an error is goes in the try clause. The code that executes if an error happens goes in catch block.**