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

**Ans1.** With the use of the function we can reduce the complexity of the code, with that we also can increase the usability of the code and the we can also avoid repetition of the code.

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

**Ans2.** When the function called a new stack frame is created with function data and this stack frame is pushed into program stack.

3. What statement creates a function?

**Ans3.** Using “def” keyword we create a function

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

**Ans4.** Function is a set of code to minimize the complexity of the code where, the function call is set of instruction which run some user defined special code to return the output.

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

**Ans5.** A variable created inside a function belongs to the local scope of that function, and can only be used inside that function. A variable created in the main body of the Python code is a global variable and belongs to the global scope.

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

**Ans6.** A local variable retain it’s value until the next time the function call completes, a local variable undefined after the function call complete.

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

**Ans7**. The return value is a value which return by the function after completion of the task by the function. Yes we can return value in an expression using “Void” or both object and the expression have same data type.

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

**Ans8**. Then the control automatically returns to the calling function after the last statement

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

**Ans9**. We need to make a global keyword for it in spite of using locally in the function.

10. What is the data type of None?

**Ans10.** String datatype

11. What does the sentence import areallyourpetsnamederic do?

**Ans11**. It import the module “areallyourpetsnamederic” if it’s exist.

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

**Ans12.** Import spam

Spam.bacon()

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

**Ans13.** Ctrl+C

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

**Ans14** . Try block let you test a block of code for errors

Except blocks let you handle the error.