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

**Ans** :- Advantages of Function in any programs are:

* It is a chunk of code that can be used over and over again.
* Function can be called at any time whenever it is required.
* With the help of function we can break a code into smaller chunks use it any time whenever we need it.

**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 whenever it is invoked or called.

**3. What statement creates a function?**

**Ans** :-We have to declare a function by giving it a name, as a function is defined by using a keyword i.e. def.

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

**Ans :-** A function is a chunk of code which executes that code and give us the result we need and it is used over and over again but a function call is useful part in any code wherever we have defined any function because we need to invoke that function to execute the code .

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

**Ans:-** There is only one global scope but local scopes can be many.

**Global scope:** The names that you define in this scope are available to all your code.

**Local scope:** The names that you define in this scope are only available or visible to the code within the scope.

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

**Ans :-** When the function call returns then the variable becomes undefined.

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

**Ans :-** A value which a function returns when it is completed. Yes, it is possible to have a 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 :-**  If the function doesn't have any return statement, then it returns **None** .

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

**Ans :-** We can make a function variable to the global variable by using a global keyword inside a function.

**10. What is the data type of None?**

**Ans :-** The datatype of None is None type.

**11. What does the sentence import areallyourpetsnamederic do?**

**Ans :-** In python there are many libraries or modules which we can use by just importing them by the help of a keyword i.e. import. As in above statement we can import the module (**areallyourpetsnamederic).**

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

**Ans :-** We can call that function together i.e. :- spam.bacon()

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

**Ans :-** Error handling can be used to notify the user of why the error occurred and gracefully exit the process that caused the error.

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

**Ans :-** The **try block** lets you test a block of code for errors.

The **except block** lets you handle the error.