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

***Ans****: it helps to avoid the duplication of the code. When you develop the program, its possible to use same task or part of a program many times. In that situation function plays good role to save our time and effort along with code duplication.*

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 we called it.*

3. What statement creates a function?

***Ans****: the function is created with def keyword.*

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

***Ans****: a function is block of code that does the logical or arithmetic operation as defined by user. And in return gives the required values.*

*A function call is the code or expression used to pass on the control or argument to a function.*

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

***Ans****: there are only 1 global scope which could be assessed everywhere throughout the program.*

*Local scope is defined inside the function.*

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

***Ans****: A variable define inside the function has local scope, and its given memory location when the function is called. And once function returned something the function execution ends, and variable defined at initial time went useless. And it get deleted from assigned memory location.*

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

***Ans****: return value is something which is evaluated at the end of function execution. Yes, it is possible to return values get used in expression.*

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

***Ans:*** *in such case python implicitly give the default value or None value.*

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

***Ans****: when you create the variable inside the function, it’s a local variable and only used inside the function. To make that function variable available outside the function we can use the global keyword.*

10. What is the data type of None?

***Ans****: the data type of None is Nonetype.*

11. What does the sentence import areallyourpetsnamederic do?

***Ans****: it will import the module named as areallyourpetsnamederic.*

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

***Ans****: it will be called as spam.bacon()*

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

***Ans****: The crashing of the programme can be avoided by using exception handling.*

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

***Ans:*** *Try clause helps to test the code. If the code inside the error block does not contain any error, it is executed. Except clause helps with error by letting you to handle it.*