UNIT-II   **[2 Marks Only]**

Q.1.What is function?

Ans: - A function is a block of organised, reusable code that is used to perform single, related actions. Functions provide better modularity for application and a high degree of code reusing.

Syntax:

Def functions_name(parameter_list):
Statements, i.e. the functions body return [expression]

Q.2.What is local and global variables?

Ans:- Python supports global variables and local variables.

1) **Local Variables**:   A local variables is the opposite of global variables; it can only be accessed within its functions. These variables are declared inside a function.

2) **Global Variables**: A global variable is one that can be accessed anywhere. These variables are not bound to any function, but can be accessed inside as well as outside the function.

Q.3.What are arguments?

Ans:- Arguments are the values actually passed to a function when calling it. Parameters define what type of arguments a function can accept.

For example, when the above function func is called as below, the values 10,167, and Student are the arguments.

Func(10,p2=167, extra=Student)

Q.4.Define try/except block.

Ans:- In python, exception can be handled using a **try statement**. A critical operation which can raise exception is placed inside the **try clause** and the code that handles exception is written in **except clause**. It is up to us, what operations we perform once we have caught the exception.

Syntax:

Try:
You do your operations here;
………….
except Exception 1:
   If there is Exception 1, then execute this block.
except Exception 2:
   If there is Exception 2,then execute this block.
………….
Else:
   If there is no exception then execute this block.

Q.5.What is finally?

Ans:- There is a 'finally' keyword, which is always executed. No matter if the exception is raised or not. It is often used to do some clean-up of resources in a program.

Q.6.What is module in python?

Ans:- A module is a file containing python definition and statements. These allow us to use code created by other developers, and greatly extend what we can do with Python.

One can use any Python source file as a module by executing an **import** statement in some other Python source file. The import has the following syntax:

Import module1 [, module [,…module]]

Q.7.What is regular expression?

Ans:- A regular expression in a programming language is a special text string used for describing a search pattern. In Python, a regular expression is denoted as RE (REs, regexes or regex pattern) are important through re module.