Graphic Era Hill University, Dehradun
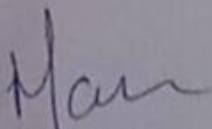(Answer Sheet for Online Examination Jan. 2022)
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Name: Mani Negi   Univ Roll No. 2023065   Student ID 20052052
Date: 17/01/22   Course: BSC.I.T.   Branch: ......   Sem: 3   Section: A
Subject Name: Python Programming   Subject Code: TBI 303   Page No. 1

Answer 5) An exception can be defined as an unusual condition in a program resulting in the interruption in the flow of the program. It is an event, which occurs during the execution of a program that disrupts the normal flow of the program's instruction. In general, when a Python script encounter a situation that it cannot cope with with, it raises an exception. It is a python object that represents an error. When Python script raises an exception. it must either handle the exception immediately otherwise it terminates & quits.

Signature of Student

The Try — expect Statement

If the Python program Contains suspicious code that may throw the exception, we must place that code in the try block. The try block must be followed with the except statement, which contains a block of code that will be executed if there is some exception in the try block

| Try |

{ Run this code }

| except |

{ Run this code if an exception occurs }

Syntax

```
Try:
    a = int (input ("Enter a:"))
    b = int (input ("Enter b:"))
    c = a/b
except:
    Print ("Can't divide with zero")
```

Output:
Enter a: 10
Enter b: 0
Cann't divide with zero

We can also use the else statement with the try - except statement in which, we can place the code which will be executed in the scenario if no exception occurs in the try block.