**SESSIONAL EXAMINATION**

**DTC**

**THIRD SEMESTER [B.TECH] OCT’20**

**Paper Code: PCC-CSE 207G Subject: Python Programming  
rogramming**

**Time: One Hour Thirty Minutes Max. Marks: 30**

**Note: Attempt any *three* questions including Q.no. 1 which is compulsory. All questions carry equal marks.**

Q.1. Attempt any two from the following: (5 X 2 =10)

1. Explain different types of operators with example Explain the use of range() function in python with example.
2. Explain string. Write any five string inbuilt function with example. How to do convert a string into octal no and vice versa.
3. Explain any five features of python. List the name of any 5 IDs used for python programming.
4. Write various file opening modes with example. Explain file pointer with tell() and seek () function using code.
5. Discuss negative indexing in the List with example. Write a program to insert and update the element in the List.

Q.2. (a) Write the rules to declare the variable in python. Write a program to print the reverse and sum of digits of no separately. (10)

OR

(b) Explain for and while loop structure using a code. Write a program to find the biggest no. among the three user defined number.. (10)

Q.3. (a) Explain Slicing operation in the string with example. Write a program to find the first 3 character and last 4 character of the string, “I am the mind changer” to the console. (10)

OR

(b) What is file? Explain different types of files. Write a program to read the content from a file “head.txt” and write them into “tail.txt” in lower case. (10)

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*