**SESSIONAL EXAMINATION**

**DGIT**

**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 the rule for declaring the variable in python. Write a program for displaying reversal of a number.
2. Explain any five features of python. List the name of any 5 IDs used for python programming.
3. Explain different types of operators with example. Also, explain the range() function in python with example.
4. Explain string. Write any five string inbuilt function with example. How string different from List .
5. Explain negative indexing in List with example. Write a program to insert and update the element in the List.

Q.2. (a) Explain different types of data types in python. Write a program to find the sum and average of first 20 natural numbers. (10)

OR

(b) Demonstrate the use of break and continue keywords in looping structure using a code. Write a program to find the power of a user defined number. (10)

Q.3. (a) Explain Slicing operation in the string with example. Write a program to find the first four character and last 3 character of the string, “India won the match” 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 upper case. (10)

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