

No Preview  
Available

Total No. of Question : [4]

Registration No. : 

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**Programme Name : Bachelor of Electronics and Telecommunication Engineering**  
**Regular T.Y.B.Tech. Sem. VI ESE May / June 2023**  
**VI SEMESTER ( 2020 BATCH)**  
**201CSL320-Python Programming(TH)**

Duration : 2 Hours

Marks : 50

Instructions :

(Q1) All Questions are compulsory [20.0]

(1.1) What is mean by Tuple. Convert the tuple into a list explain with example. [5.0]

CO :- 2

Blooms Taxonomy :- Apply

(1.2) What is series in pandas? With example create simple pandas series from list. Write down example for creation of own labels in pandas. [8.0]

CO :- 4

Blooms Taxonomy :- Apply

(1.3) Explain Models and Databases in Django . [7.0]

CO :- 4

Blooms Taxonomy :- Apply

(Q2) All Questions are compulsory [10.0]

(2.1) Explain Basic Data Types in python. [3.0]

CO :- 2

Blooms Taxonomy :- Apply

(2.2) Write a program to implement a constructor, we use \_\_init\_\_() and to implement a destructor, we use \_\_del\_\_() in python. [7.0]

CO :- 3

Blooms Taxonomy :- Apply

(2.3) Give example for While loop. Also give example for Break and Continue statement using While loop. [7.0]

CO :- 3

Blooms Taxonomy :- Apply

(Q3) All Questions are compulsory [10.0]

(3.1) Explain any Two Object Oriented Concepts in python with example. [4.0]

**CO :- 3**  
**Blooms Taxonomy :- Apply**

- (3.2) Compare : [6.0]  
a. List and Tuple  
b. Procedure Oriented Language and Object Oriented Language

**CO :- 1**  
**Blooms Taxonomy :- Understand**

**OR [ 3.2 / 3.3 ]**

- (3.3) What is DataFrame in pandas? Create simple pandas DataFrame. [6.0]

**CO :- 4**  
**Blooms Taxonomy :- Apply**

(Q4) Attempt any Two out of Three questions [10.0]

- (4.1) Describe Conditional statements and loops in python with example [5.0]  
a. elif /if else ladder  
b. while loop  
c. for loop

**CO :- 2**  
**Blooms Taxonomy :- Apply**

- (4.2) Explain Readline function in file handling. Give example to read 1,2 line of the file . [5.0]

**CO :- 2**  
**Blooms Taxonomy :- Apply**

- (4.3) Define functions and explain different types of argument [5.0]

**CO :- 3**  
**Blooms Taxonomy :- Apply**

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