


Name:	 <b>UPES</b> UNIVERSITY WITH A PURPOSE
Enrolment No:	

**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**  
**Online End Semester Examination, Dec 2020**

**Course: Computing with Python**  
**Program: Common paper**  
**Course Code: MRBL 0201**

**Semester: III**  
**Time : 03 hrs**  
**Max. Marks: 100**

**SECTION A**

- 1. Each Question will carry 5 Marks**
- 2. Instruction: Complete the statement / Select the correct answer(s)**

S. No.	Question	CO
Q 1	What is the difference between lists and tuples in Python	CO 1
Q 2	How Python is interpreted?	CO 2
Q 3	Explain 3 benefits of using Python	CO 1
Q 4	How to convert a number to string using python. Which in built function is used ?	CO 2
Q 5	Explain how to delete a File in Python	CO 1
Q 6	Mention the use of // operator in Python	CO 1

**SECTION B**

- 1. Each question will carry 10 marks**
- 2. Instruction: Write short / brief notes**

Q 7	Write a Python program to find area of a circle	CO 3
Q 8	Write a Python program to find second largest number in a LIST.	CO 3
Q 9	Write a Python program to reverse the words in the given string “ UPES students are Best” .	CO 2
Q 10	Write a Python program to find sum of all items in a Dictionary.	CO 3
Q 11	Write a Python program to compute the sum of an Array	CO 2

**Section C**

- 1. Each Question carries 20 Marks.**
- 2. Instruction: Write long answer.**
- 3. Answer Any one question**

Q 12	Write a Python program to compute number of characters, words, spaces and lines in a file.	CO 4
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**(OR)**

	Write a Python program to find number of Lists in a Tuple	CO 4
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