

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

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

**Course: Python Scripting**  
**Program: BCA**  
**Course Code: CSBC2006**  
**Instructions:**

**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.		Marks	CO
Q1	Which of the following environment variable for Python is used in Windows to instruct Python to find the first case-insensitive match in an import statement? Select one: a. PYTHONPATH b. PYTHONCASEOK c. PYTHONSTARTUP d. PYTHONHOME	5	CO1
Q2	What is the length of sys.argv ? Select one: a. number of arguments b. number of arguments - 1 c. number of arguments + 1 d. null	5	CO1
Q3	What does built-in function help do in context of classes? Select one: a. Determines class description of any built-in type b. Determines class description of any user-defined built-in type c. Determines the class identifiers of any value d. Determines the object name of any value.	5	CO3
Q4	To concatenate two strings to a third what statements are applicable? Select one: a. s3 = s1 * s2 b. s3 = s1.__add__(s2) c. s3 = s1.add(s2) d. s3 = s1 . s2	5	CO2

Q5	Which of the following is not a standard exception in Python? Select one: a. NameError b. ValueError c. IOError d. AssignmentError	5	CO4
Q6	Which operator is overloaded by __invert__()? Select one: a. ^ b. ~ c. & d. *	5	CO3
<b>SECTION B</b>			
<b>1. Each question will carry 10 marks</b>			
<b>2. Instruction: Write short / brief notes</b>			
Q7	Discuss the type() and id () methods in Python Programming with example of each.	10	CO1
Q8	Define a function max_of_three() that takes three numbers as arguments and returns the largest of them.	10	CO2
Q9	Explain dictionary in python with example.	10	CO2
Q10	Differentiate between multi-level and multiple inheritance support with example.	10	CO3
Q11	Elaborate Exception handling in Python. Give example of user-defined exceptions in Python.	10	CO4
<b>SECTION-C</b>			
<b>1. Each Question carries 20 Marks.</b>			
<b>2. Instruction: Write long answer.</b>			
Q12.	Discuss following with suitable example: a. Regular Expression b. String format() method	20	CO2