Course:	**COAL**	Date: 13-Dec - 2020
Course Code:	CSC-395	Max Marks: 12
Faculty's Name:	Dr. Muhammad Asfand-e-yar	Total Pages: 1

INSTRUCTIONS:
I.   All three questions are compulsory.
II.   **Comprehension of questions is a part of examination.**

Student's Name:_____ Enroll No:_____
(USE CAPITAL LETTERS)

QNo.1   If a student name is "ahmadali" then the equation will be a= (a + h) + m – (a – d). Use your name to formulate the equation accordingly. The operation should be same a given above then evaluate the expression.

a = ("first letter" + "second letter") + "third letter" – ("fourth letter" - "fifth letter")

3-address	2-address	1-address	0-address

(4)

QNo.2   Differentiate the following instructions, used in assembly language. Write the equivalent instruction (if exists) of the given instruction below:

Instruction	Description	If equivalent to other instruction
JECX		
JNBE		
JNL		
JNA		

(2)

QNo.3   Write a program that sum and copy the numbers from an integer array using a loop

1) In Sum Procedure add all the numbers of array1, **the numbers will be your 11 digits enrollment number**.
2) In Copy-Array Procedure copy the numbers in second array from array1 using loop **the numbers will be your 11 digits enrollment number**.
3) In Main Procedure
   a. Input 5 numbers form user in array1 using loop
   b. Call the Sum Procedure using USES operator
   c. Call the Copy-Array Procedure
4) In Main Procedure display the result of sum stored in EAX
5) In Main Procedure display the copied array elements

(6)

The End of Question Paper