**Assignment No. 1**

**Instructions:**

1. Neatly handwritten assignment on A4 size paper(s) is to be uploaded on portal on or before due date.
2. **Each page must have the Student Name and Roll No on top as well as at Bottom**. It is mandatory, otherwise the assignment will not be evaluated
3. Support your answers with necessary algorithmic statements, formulae and diagrams.
4. Submit it on Portal on or before 17**-09-2020 by 11.59 p.m.**

Q.1 Perform matrix multiplication for following matrices: CO2

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Where I is the roll number of student (Last two digits of roll no.)

Q.2 Find longest common subsequence of CO3

S1 = Students First Name

S2 = Student Last Name

Q.3 Use Prim’s and Kruskal’s algorithm(s) to find minimum spanning tree for following graph. CO2

