

**Assignment No. 1**

**Course Code: ECAP538**

**Registration Number: \_\_\_\_\_**

**Instructions:**

- a. Attempt all questions given below in your own handwriting. Assignment in typed format will not be considered for evaluation.**
- b. The student has to complete the assignment in the allocated pages only. Any other page in case utilized shall not be considered.**

**Q1. Solve single source shortest paths.**

**[10 Marks] [CO2, L3]**

**Signature of the Student\_\_\_\_\_**

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**Note:-**

**CO: is the Course Outcome as per your course syllabus.**

**L1-L6: Learning level objectives as per Revised Bloom Taxonomy (RBT).**

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**Q2. Differentiate between divide and conquer and greedy method. [10 Marks] [CO1, L2]**

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