

COL351

Assignment 1

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1 Question 1

Let G be an edge-weighted graph with n vertices and m edges satisfying the condition that all the edge weights in G are distinct.

1.1 Prove that G has a Unique MST

1.2 one point two

2 Question 2

2.1 two point one

2.2 two point two

3 Question 3

3.1 three point one

3.2 three point one