

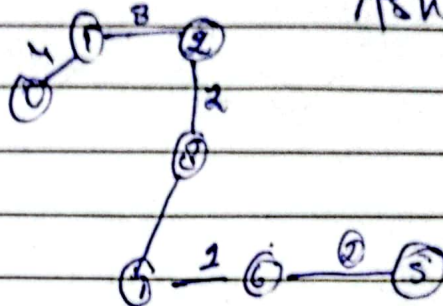
Kruskal:

Bait 150722008

U		V	
3	1	6	✓
6	2	5	✓
8	2	2	✓
6	4	1	✓
8	5	5	✓
2	7	3	X
7	7	8	X
0	8	2	X
3	8	7	X
3	9	4	✓
5	10	4	✓
7	11	1	✓
5	14	5	✓

Ques # 04

Imran
Ashraf



$A \{ 0, 1, 2, 3, 4, 5, 6, 7, 8 \}$

$\{ 0, 1, 2, 3, 4, 5, 6, 7 \}$

$A \{ (3,6), (6,5), (8,2), (0,1), (2,5), (2,6), (2,3), (3,4) \}$

$A \{ 0, 1, 2, 3, 4, 5, 6, 7 \}$

$A \{ 0, 1, 2, 3, 4, 5, 6, 7 \}$

$A \{ 0, 1, 2, 3, 4, 5, 6, 7, 8 \}$

$A \{ 3, 4 \{ 0, 1, 2, 5, 6, 7, 8 \} \}$

$A \{ 4 \{ 0, 1, 2, 3, 5, 6, 7 \} \}$

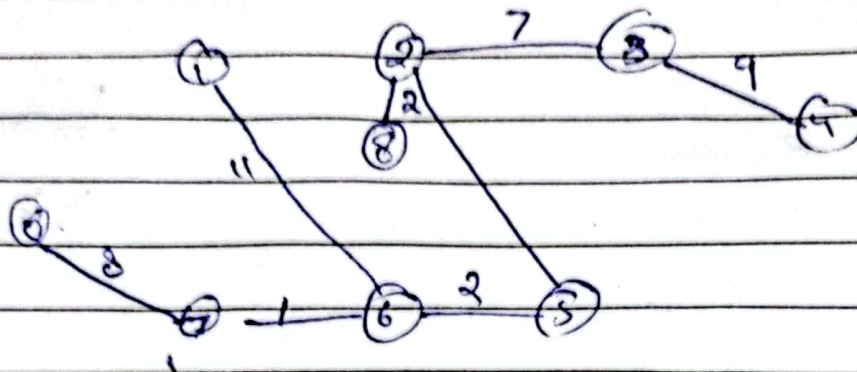
$A \{ 0, 1, 2, 3, 4, 5, 6, 7, 8 \}$

Infinity
Notes

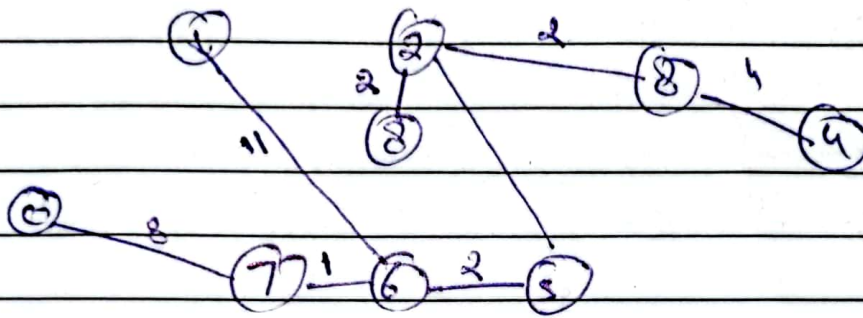
Date:/...../20.....

M ☐ T ☐ W ☐ T ☐ F ☐ S ☐

$(2,6), (2,8), (6,1), (6,5), (2,5), (6,7), (8,4), (2,5)$



Prims



In prims all vertices with minimum weight are connected with each other.

Both graph will be same but their procedure of drawing spanning tree will not be different