ABAIAJ SECTION

26 March 2025 06:43

Spanning Tru - No of modes

G(N, E) G'(N, N-J) Connected

No yell/loop

Graph (4).

Spanning Free

A

n > 1 .

A

n= 2

(A)—(B)



1=3

11=3

000



n=4



n=4.



9



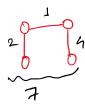




Minimum Spanny Tree

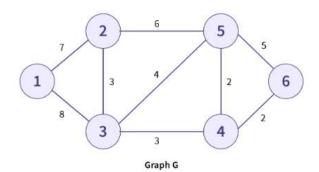


n=4.

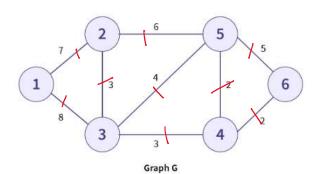


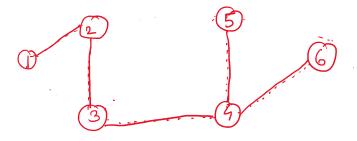
2 9

3



- Sort all the edges of the graph in ascending order of their weights. Check the edge with minimum weight, if including it in the answer forms a cycle discard it, otherwise include it in the answer. Repeat the above step until we have chosen V-1 edges.





Node A	Node B	Weight
4	5	2
4	6	2/
2	3	31
3	4	3//
3	5	4× cycle.
5	6	5 x yde
2	5	6 x cycle.
٦	2	7,0
3	_ L	8