18CS42 - MUJ 3	D'African	Margnes
[Super Imp]	o - afuu	-4-1

Q1. Solve the following instruct of quedy kneepsack problem where n=6, m=10, p= (50,42, 25,12) and w= (4,7,5,3)

- Moder ap

Video Suln:

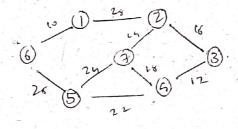
Topic: Knapsuk

Q2. Write the problem statement for job sequencing with deadline? Let 1=5, profits (10,3,33,11,40) and deadlines (3,1,1,2,2) and the optimal requerred execution of job solution very greedy algorthm. - [model QP]

Video Soln:

Topic: Job Seguencing

Q3. Apply Prims Ayouthon to obstain minimum cost Spanning true for the exinen weighted graph.



Model CP

Video Soln:

Prim's Mgo + Numerical

Vidio san: Dijkotris Algo + Numerical

Shortest source parts

Ph. Obrain nuffman tree and the code for the following data.

Chambers	(negrene) 15	
Ol	M	
9	15	
	12	
0	123	
U	4	
5,	(3	
L		

Model QF FCb 2021

> - Video soln: Nuffmanlades:

QS. Sont the given list of numbers namy Hear sort - 2, 4, 7, 6,5,8 [Model QP]

- Nder soln: Neup sort