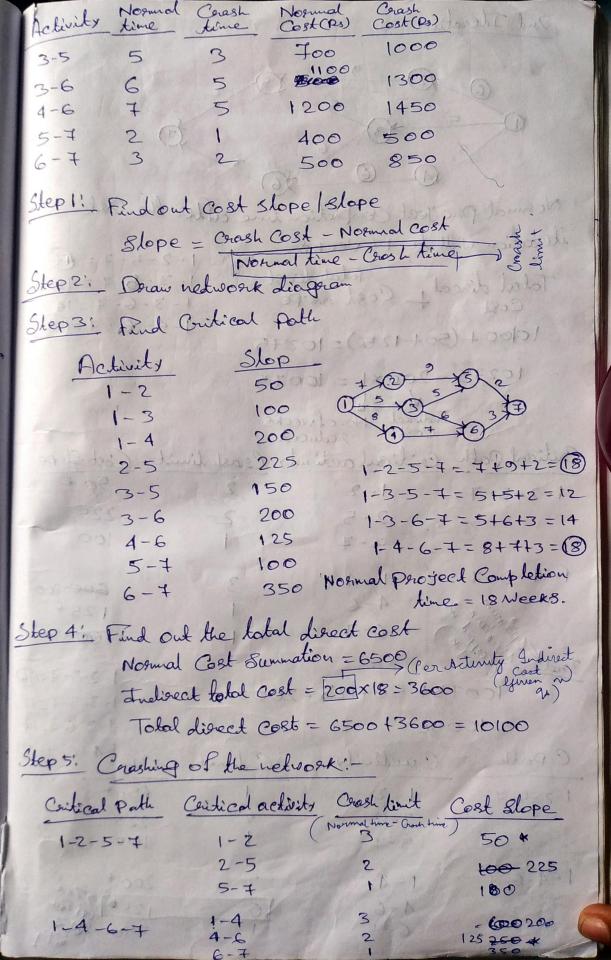


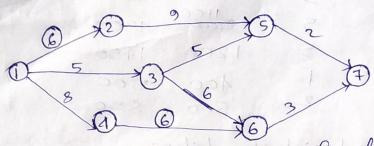
Earliest Start time (Ei) It is the earliest possible time when an activity can beguin assuming that all of the preceding activities have also Storted at their earliest starting time. Latest Event time (L) This indicates the time by which all activities entering into that event must be completed who delaying Completion of the broizect. Broject. Total Sloot It seefers to the amount of time by which the completion of on activity could be delayed beyond the earliest expected completion time who affecting the overall project duration time. The time by which the completion of an activity can be delayed beyond the earliest Linish time who affecting the earliest Start of a succeeding activity. Direct Cost -> It is directly dependent on the amount of resources in the execution of individual activities. The direct cost increases if the activity duration is to be reduced. Indirect Cost -> This cost is associated with overhead expenses such as managerial services indirect supplies et The indirect cost in counted on a perday perweek or permouth basis. The indirect cost decreases if the activity duration decreases, Crashing of two project Network Normal Crash (Ps)

Cost (Ps) Cost (Ps)

700 850 Normal Crash time time Activity 1-2 7 4 5 3 500 700 1-3 5 600 8 1200 1-4 7 800 1250 9 2-5



2nd Ideration



Normal project Completion line after the 2nd iteration will be 17 weeks. 1-2-5-7= (7)

Total direct + Cost Slope

1000+(50+125)=10275

10275 - 200x1 = 10075

Indirect No. of weeks Cost reduced

Chilical Path Cailical activity Crash limit Cost Slope 50 × 150 1-2-5-7

225 2-5 100 5-7

1-4-6-7 1-4014 600 200

4-6 125* bedal sell. 6-7 350

1-3-5-7=12 1-3-6-7=14. 1-4-6-7=17

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1-2-5-7:00

10075+50H25-200XI

1-3-5-7-12 = 10050 1-3-6-7-14

C Path Cachinity Clinit Cslope 1-2-5-7 1-2 150K

2-5 225 5-7 100

1-4-6-7 1-4 200*

> 4-6 1250 6766 6-7 350

