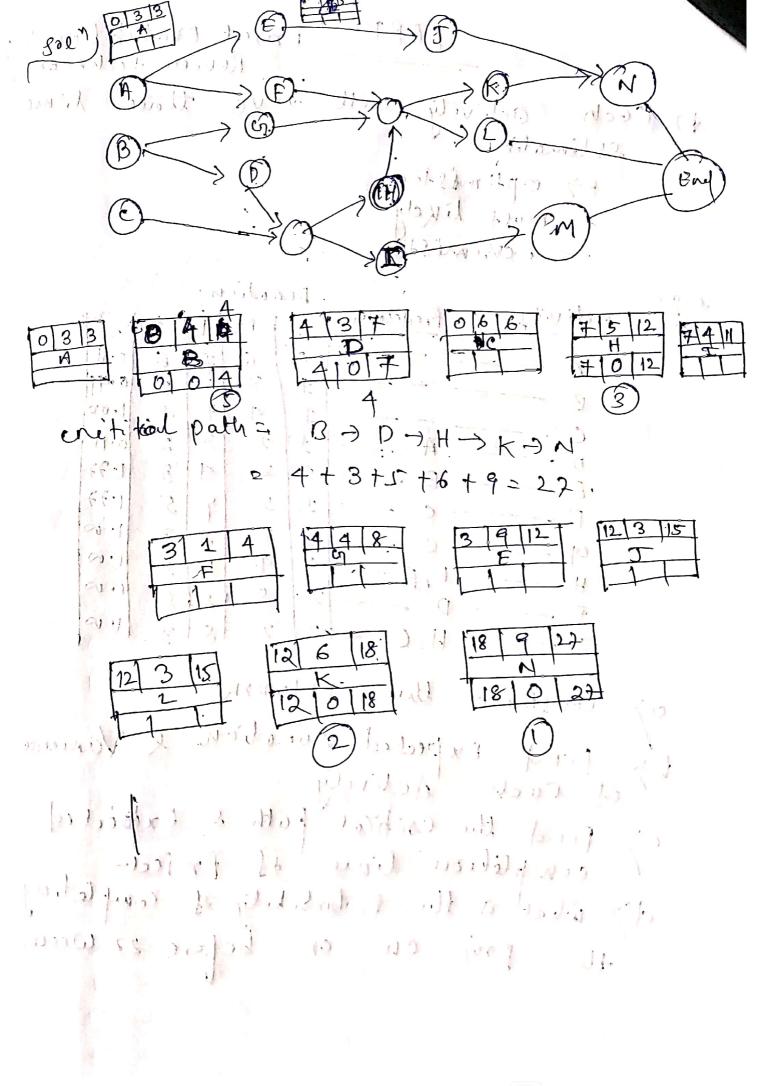
for the following Critical path A etivities Predece sem A E F, G, H F) 4, H L N



PERT Project Evaluation & Review Technique

Review Technique

Line

estimation

poptimistic

most lively

perimistic

deg.
Activity of frederesion of Mil Political Solding
5; 6 7 6 0·11 1 3 5 8 0·44
B
CA CIA HA . SIGHT 1 2 N 39 200 0111 13
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1 2 9 5 1.77 1 2 8 3 1.00
T - D - 2 5 8 5 (.00
JH, C 31 42 2 8 3 100
as construct the 311 network
by fond Expected Donation & Vanience
of Each Actively.
e) find the critical path & Expected
complétion time of project
complétion time of project- d> what is the Probability of compléting
the proj on or before 22 Weeks.
U

Jor, us Expect duration/Minduration & Varience fr A = 5+(4+6)+7=6 1) Vanience 52 = P-0] for $A = \begin{bmatrix} 7 - 5 \end{bmatrix}^2 = \begin{bmatrix} 2 \\ 6 \end{bmatrix}^2 = \frac{4}{36} = 0.11$ $f_{11} B = \begin{bmatrix} \frac{5-2}{6} \end{bmatrix}^{\frac{1}{6}} = \begin{bmatrix} \frac{16}{34} & \frac{16}{34} & \frac{1}{6} \\ \frac{1}{6} & \frac{1}{34} & \frac{1}{6} \end{bmatrix}$ e) critical path & Expected comple time. I use chilical path method (CPM) 1-14-76-777-7-18. of Activity te 63 P(x < 22) =-P[x-min(te)] $\frac{1\cdot00}{3} = \frac{1\cdot00}{1\cdot00}$

=224.77 6= V4.77 = 2.1840=2.19

Pt 22-17 = 5 2119 2 if offer of an abine follows duration 5+(A * E)+7 6 11.0 = 15 = [3 - 4] = 11 [6 - [= []] = [] = [6 - 4] contribute path & topected beautiful (1414) parties of parties (2) water 6 1 -