

Example 3.6 Draw the arrow network for the project given next. Activity Solution Again, the solution also requires two dummies as in Figure 3.6. Example 3.4 Draw the arrow network for the project given next. Activity A A B A B C D B, C С Solution The solution requires two dummy activities (or simply dummies) (Figure 3.4). __d1 (10) A (20) **→**(40)-Figure 3.4 Solution for example 3.4 Draw the node diagram and perform the CPM computations for the schedule shown next. Activity IPA Duration 2 6 10 4 7 5 3 5 - A A B B, C C, D E, F G, H Solutions Performing forward and backward passes yields the solution shown in Figure 4.6. The critical path is A, C, F, H, I. Activities B, D, E, and G have total floats equal to 2, 13, 2, and 7, respectively. 17, 22 B 6 4, 10 F 5

0, 2 2, 12 22, 24 22, 24 22,

Files

Practice.pdf of 3 ZOOM Page **CPM** For the following schedule network, perform the CPM calculations including total floats, and identify critical path(es). В 8 12 E 17 4 5 19 F C 14 8 8 7 8 Ц 6 8 D 17 8

