

CHAPTER 9 EXERCISES

Chapter 9 Exercises Assignment

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Fundamentals of Project Management

PMGT-501

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Chapter 9: Exercises 3, 4, and 6

3. Assume the network and data that follow. Compute the total direct cost for each project duration. If the indirect costs for each project duration are \$400 (19 times units), \$350 (18), \$300 (17), and \$250 (16), compute the total project cost for each of those duration. Plot the total direct, indirect, and project costs for each of these durations on a cost-time graph. What is the optimum cost-time schedule for the project? What is the cost?

ID	Crash Cost (Slope)	Maximum Crash Time	Normal Time	Normal Cost
A	20	1	3	50
B	60	2	5	60
C	40	1	3	70
D	0	0	10	50
E	50	3	6	100
F	100	3	7	90
G	70	1	5	<u>50</u>
				\$470

4. Given the information and data that follow, compute the total direct cost for each project duration. If the indirect costs for each project duration are \$90 (15 times units), \$70 (14), \$50 (13), \$40 (12), and \$30 (11), compute the total project cost for each duration. What is the optimum cost-time schedule for the project? What is the cost?

ID	Crash Cost (Slope)	Maximum Crash Time	Normal Time	Normal Cost
A	20	1	5	50
B	60	2	3	60
C	0	0	4	70
D	10	1	2	50
E	60	3	5	100
F	100	1	2	90
G	30	1	5	50
H	40	0	2	60
I	200	1	3	<u>200</u>
				\$730

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