Siddharth Dixit 2018ME20727 Assignment 2 Problem 2 MCP361

Planning Horizon (t)

Last period of production	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1	118.125	334.125	886.125	1750.13	2662.13	3862.13	5158.13	6922.13	8938.13	11098.1	13738.1	16510.1
2	0	236.25	512.25	1088.25	1772.25	2732.25	3812.25	5324.25	7088.25	9008.25	11384.3	13904.3
3	0	0	354.375	642.375	1098.38	1818.38	2682.38	3942.38	5454.38	7134.38	9246.38	11514.4
4	0	0	0	472.5	700.5	1180.5	1828.5	2836.5	4096.5	5536.5	7384.5	9400.5
5	0	0	0	0	590.625	830.625	1262.63	2018.63	3026.63	4226.63	5810.63	7574.63
6	0	0	0	0	0	708.75	924.75	1428.75	2184.75	3144.75	4464.75	5976.75
7	0	0	0	0	0	0	826.875	1078.88	1582.88	2302.88	3358.88	4618.88
8	0	0	0	0	0	0	0	945	1197	1677	2469	3477
9	0	0	0	0	0	0	0	0	1063.13	1303.13	1831.13	2587.13
10	0	0	0	0	0	0	0	0	0	1181.25	1445.25	1949.25
11	0	0	0	0	0	0	0	0	0	0	1299.38	1551.38
12	0	0	0	0	0	0	0	0	0	0	0	1417.5

Optimal cost of production = $ 1417.5