

Now, Using F.W. method'. F-W = -5,00,000 (F/p. 1201-, 10) + (1,10,000 - 20,000) (FA, 120 1, 10) + 1,00,000\$ = $-5,00,000 \left(\frac{0.02(1.42)10}{(1.42)10-1} \right) + 90,000 \left(\frac{(1.12)10-1}{0.10} \right)$ Rs. 1284 620519 \$ A·W = -500000 (Ap, 120110)+ 30000 119260.4 - 50,000 + - 103810 489919 = R) 72,000

L. C.M. of two useful life is 24 years. For project A: or, P.W. = -4,00,000 - 4,00,000 (P/+121.16)-4,09000 (Pf 1127.12) -4,00,000 (P/f, 121.,18)+ (1,75,000 - 25,000) (PA,127,24) + 40,000 (P/F 1 124 , 6) + 40,000 (PF 1124. 10) + 40,000 (PF124,18) + 40,000 (PF, 124, 24) -4,00000 - 4,00,000 (1.1276) - 400,000 ((1.12) 12) - 4100,000 ((1.12) 18) + 4000000 (1.12) 150000 x (1.12)24-1 0.12x(1.12)24+ 40,000 x (1.12)6 t 40,000 × 1 (1.12) 12 + 40,000 (1.12) 18 + 40,000 x 1 (1.12) 24 Batt = R), 4,48,693

For project B' .-P.W2 = -7,00,000 - 700000 (Pf 127,8) -7,00,000 (Pf 124,16) + (2,59000 - 35000) (PA 121,24) +70,000 (PA 124) + 70,000 (PA 121) + 70,000 (PA 124) = -7,00,000 - 7,00,000 (1.12)8) - 7,00,000 (1.12)8 + 215,000 (1.12)24 - 1 70,000 (1.12)8) + 70,000 (1.12)16) + 70,000 (1.12)24) = Rs. 6,21,027 Since, (P.W) B 7 (P.W)A So projet A is highly recommended,

