Easned Value Analysis rumesical->

E compute Extimate At completion (EAC) and variance at completion (VAC) if both SPI and CPI influence the prospet work when officer variables are-

Budget At Completion (BA(1 = \$24,000)

Earned Value (EV) = \$13,000

Planned Value (PV) = \$14,000

Actual (ULT (A(1 = \$15,000))

Sul

$$SPI = EV$$
 PV
 AC
 $CPI = EV$
 AC

EAC = AC+ [(BAC-EV)]

CPIX SPI

VAC = BAC - EAC

$$CPT = \frac{EV}{AC} = \frac{13000}{15000} = 0.07$$
 Since CPT is less than 1 exhibit indicates that project is over budget.

$$FAC = 15000 + (22000 - 13000) = $26,173$$

$$VA(= BA(-EA($$
= 22000 - 26123 = $-$4123$ Au

- 22000 - 26123 = -\$4123 A.

Mean this project is experiencing a budget overrun

Of 4123\$.

end of 2nd marth. Mouth Clammed Value P111, 10,000 P1.6,00,000 Pr. 25,00,000 Py 8,00,000 Earned Value 10,00,000 P.7,50,000 Actual COST P. 12, 54 000 P. 5, 00,000 Sel Calculate Cumulative Duty 2 Mouth Namued value 11,10,000 6,00,000 25,00,000 8,00,000 (PV) Cumulative 17,10,000 11,10,000 7,50,000 Egned volue 10,00,000 (EV) Cumulative 10,00,000 17,50,000 Actual (UL+ 12,50,000 5,00,000 (AC) amulative 12,50,000 17,50,000 Schedule Variance (SV) = EV-PV -17,50,000 - 17,10000 = 40,000 PG_ (out variance (CV) = EV-AC 17,50,000- 17,50,000 = 0 P4 17,50,000 = 1.0233918. 17,10,000 M, 50,000 17,50,000

Q. for the following project Calculate SV, CV, SEI and CPI ca the