13.5.3 Earned Value Example Q:(a) Schedule Variances

PV

EV

SPI

ET2C

(b) cost variance

AC

CPI

EC2C

(c) concludes time

$$=\frac{EV}{PV}$$

$$=\frac{44}{103}$$

$$=0.4272$$

$$=\frac{7}{0.4272}$$

= 0.5 641

Estimated Cost to completion

= Est total proj budget

Cost Performance 7n dex

= 209,182.7690

(c) 16.3858 - 6 = 10.3858

209-182.1690-118000 = 91182.1690

- 1) Needs addition to months and running more than 9 months behind schedule
- 2) Expect cost overrun to exceed \$ 200kg