Quiz No. 3

Schedule Variance

April :-

$$SV = EV - PV$$
$$= 53000 - 57000$$

$$\boxed{SV = -4000}$$

Cost Variance

$$CV = EV - AC$$
$$= 53000 - 63000$$

$$CV = -10,000$$

(b)

$$CPI = \frac{EV}{AC} = \frac{53000}{63000} = 0.84$$

$$SPI = \frac{EV}{PV} = \frac{53000}{57000} = 0.92$$

(C)

$$EAC = \frac{BAC}{CPI} = \frac{57000}{0.84} = 67857$$

$$VAC = BAC - EAC$$
$$= 57000 - 67857$$
$$= -10857.$$

(d)

$$TCPI = \frac{BAC - EV}{EAC - AC}$$

$$= \frac{57006 - 53000}{67857 - 63000}$$

$$TCPI = 0.82$$

(e)

Project is an schedule & Over cost.