CSC 485D A2

1) a)
$$A + 3 \rightarrow A + 2 \rightarrow B - 3 \rightarrow A + 4 \rightarrow B - 4 \rightarrow terminate$$

 $B - 2 \rightarrow A + 3 \rightarrow B - 4 \rightarrow terminate$

$$V(A)$$
 $3+2-3+4-4=2$ $3-4=-1$

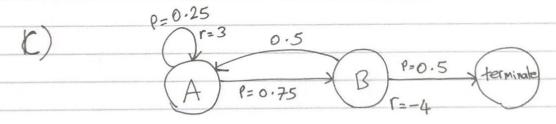
$$V(A) = 2 + \frac{(-1)}{2} = 0.5$$

$$V(8) -3+4-4=-3$$

$$-2+3-4=-3$$

$$V(B) = \frac{-3 + (-3)}{2} = -3$$

A -> A A-B
A-28 1/4



$$V(A) = 3 + 0.25V(A) + 0.75(V(B))$$

 $V(B) = -4 + 0.5V(A)$

$$V(A) = 0$$

 $V(B) = -4$