(omp 341 Written Assignment Yesly Ens GUVEN 64045

$$f(+s) = 0.58$$

$$f(-s) = 1 - 0.58 = 0.42$$

$$f(+s,+t) = p(+t+1+s) f(+s) = 0.95.0.58 = 0.551$$

$$f(-s,+t) = p(+t+1+s) f(-s) = 0.95.0.58 = 0.551$$

$$\rho(+5,+4) = \frac{1}{16}(+5,+4) = \frac{0.551}{0.551 + 0.080} = 0.873$$

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f(+S) = 0.58
94)
      Ell (+b) = P(+s) .5000 + P(=s) . (-6000)
             = 058.2000 + 0.42.(-6000)
             = 380
GS)
       U.P(SIT) =
        5000.0893 +(-6000) (1-0873) - 360-3
         3603 ( f(+5,+4) + f(-5,+4))
              (0.55) - 0.800)
         360] , 0.631 = 2273.5
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2273.5 - 380 = 189350

$$= \frac{P(S1A,D) \cdot P(T1S)}{P(+S1A,D)P(T1+S) + P(-S1A,D)P(T1-S)}$$

$$= 0.7.05 = 0.35$$

$$= 0.35$$

$$= 0.35$$

$$= 0.126$$

$$= 0.7878 = 0.126$$