Section 11 - Especter Utility Walls E[U] = (1-4) (good ntt) + q ((hunter) alwhe ent b= + P= bq

2.3) I:
$$q_{I} = 2 + 3 = |5|$$

I: $q_{II} = 2 + 8 = |0|$

II: $q_{II} = 2 + 8 = |6|$

II: $q_{II} = 2 + 58 = 60$

II: $q_{II} = 2 + 68 = 60$

II: $q_{II} = 2 + 68 = 60$

II: $q_{II} = 2 + 68 = 60$

WITH ENSURANCE:

$$E[U] = (1-q_i) \log (500-p_i) + q_i$$

$$f_i \log (10-p_i + p_i)$$

t)
$$E[U] = \log(500 - 24.5) = 6.16$$
 $E[U] = \log(500 - 49) = 6.11$
 $E[U] = \log(500 - 294) = 5.33$

$$\pm \left((U) = 0.95 \log(500) + 0.05 \log(50) + 0.05 \log(50) + 0.1 \log(50) + 0.1 \log(50) + 0.1 \log(50) + 0.1 \log(50) + 0.5 \log(50) + 0$$

$$\frac{1}{\sqrt{1-4}}\int_{-4}^{4}\int_$$

- 500 - 500 10 = 88.83 $P_{II} = Soo - Soo | 0.9 | 0.1 = | 161.88$ = 500 - 500 (° = 452.1 () = log(c) CH

$$J(x) = J(x)$$

$$4 = 0.05 + 0.1 + 0.6 = .75 = .25$$

$$4) = 0.1 + 0.6 = 0.7 = 0.35$$

P = q I = (490) 0.35 = [17.15]

Type II Doge ant

$$W = \begin{cases} 500 & \text{if healthy} \\ 10 & \text{if not} \end{cases}$$
 $W = \begin{cases} 500 & \text{if healthy} \\ 10 & \text{if not} \end{cases}$
 $V = \begin{cases} 10 & \text{if not} \\ 10 & \text{if not} \end{cases}$