RL- Assignment 2.

1. p(S, 150,00):

Probability of translioning from wormt state to state SI by taking action as

a Policy: A policy is a mapping from states to Probabilities of selecting each possible action.

If the agent is following policy T at time t, then Tr(a1s) is the phobability that A=a if St=8

optimal policy: Best possible policy among all policies.

For any MOP, there exists a policy TI+ such that Vin+(s) > Vin(s)

97 *(s,a) > 97 (s,a)

3. V_ (s) > V_M+(s) - False.

h.	2.0	2.5	3.0
	3.5	4.0	4.5
	4.0	4.5	(U.D)
	\longrightarrow	->	