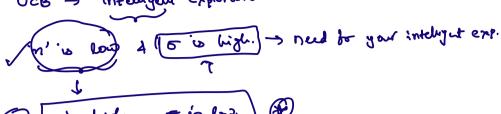
CD. (*). UCB -> intelligent exploration.



(F) [n'is high & is low.]

 $\pi.P = \pi$ PIT= T

(3A)

(c). Episodic and after fixed no. of timesteps. (4).



$$V_{11}(S_{1}) = \frac{1}{3}(2+4+6) = 4.$$

$$V_{11}(S_{2}) = \frac{1}{3}(1+5+3) = 3.$$

$$V_{11}(S_{1}) + V_{11}(S_{2}) = 3.$$

Praetice Questions :- 1

Praetice Questions:
$$\int$$

(1). (a). $E[r^i] = (1-P_i)P_i + O$

(1). (a) . $E[r^i] = (1-P_i)P_i$
 $= (1-P_i)P_i$

Arm 2

S,a -) I is fixed 7 Stochastic.

1. Evaluating a given policy (17):

valuating
$$z = \sqrt{s} =$$

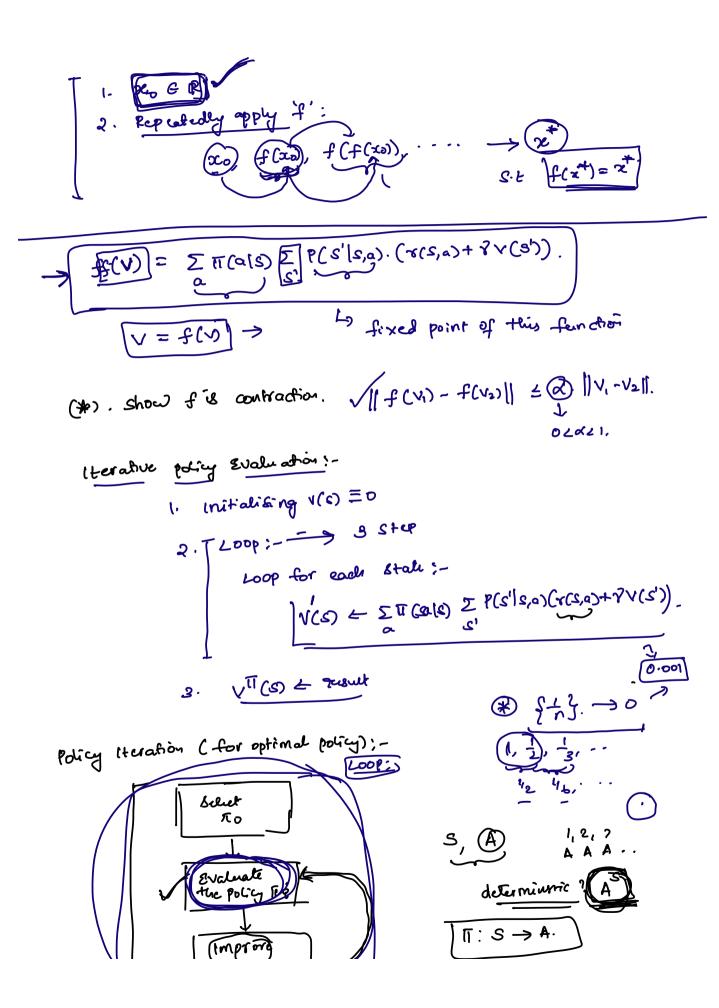
Lo system of country

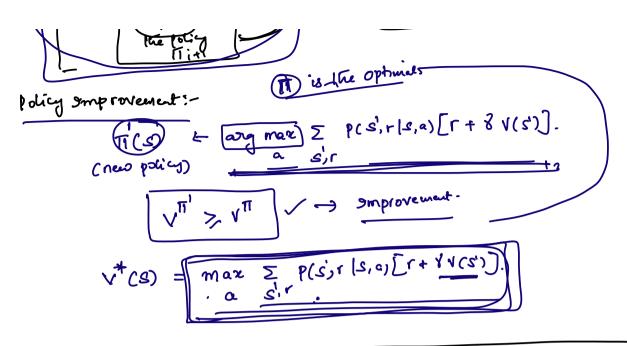
(*). Confractou Mapping thun >-

. I has a fixed point:

$$\widehat{\mathscr{D}}: f(x) = \chi$$

how to find fixed point:





Step 2;

Step 3:

(b). Policy emprovemi :-

$$V_{1}(0) = V_{1}(2) = V_{1}(3) = V_{1}(5) = -1.25.$$

$$V_{1}(4) = -1.3 \quad V_{1}(2) = V_{1}(6) = -1.5$$

