NAME: - DIVYONG BAGLA	
CANEL	PAGE NO.:
PC-33	
LAB ASSIGNM	ENT-1111 TOWN
A STATE OF THE STA	of and the second second
AIM: to come 8 purse	prolelem using At algorithm
OBJECTIVE: 20 study and	d implement A* algorithm peolelem.
THEORY:	STEERING S. ENTEN 17
BES and OR graph:	THE PROPERTY OF THE PARTY OF TH
	eno l neusistic fealen.
- RPS concept of priority of - RPS memod uses two list	of teaching the transcellar
an open	
	The second secon
2) 8 - puzzle prolelin:-	s million man not to
- At is played en 8 by 8 gr laterled through 8 & 9 belo	id yeith 8 square block
- M & Finger & a lela	ok with the survey of the
	23 123 123
· 893 13 1 3 1 3 1 4 25 7 4	
425 - 423 1, 9	26 786 78
786. 786 7	
initial.	your stale
The state of the s	
- Dasa Sisuchuse and other d	chaile:
	Dre Linia C. Alia
- Most commonly known gor	BFS uses ruesistic function
Inch and goets to reach	nede n from start gan.
- Of Binds snortest para this	up flasch & peres risks
I MILLERY C. D.LAG.	
fin = gin) +	n(n).

	PAGE NO.:
	INPUT: histial and final state DUTPUT: Sol state with opinal parn.
2.13 AV-18	ALGORITHM :- A*
- 14-1-14-	PROGRAMMING LANGUAGE :- Pyrnon.
	FAQ'S
<u>Q1.</u>	werat is heusistic gunction? Werat is advantage
7	Ist is a function that rank alternatives in seas
	information to decide verice person to follow:
	han) < h * (n)
47	Can provide some quick relatives pinenpurire feedles
	you can obtain predleack earyin design process
= -	Emprain st argorism mein examples? At argorism is an informed argorism or beer first
	search meaning it is bornulated in tune of weight graph starting from specific node of graphe it and
	to bina a part to given goal node having amalled est
	2 B 5 S S
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 3 8 4
	G 2 2 5 6 6 9 6
	9, 0

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-00	Solution 10	
N. Sandaria Constitution of	(g)	
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and the second second	of \$3 m	,
Annual Control Section 1	Q2 Q2 W	
	(9)	
	mitialization = {(s.s)}	<u> </u>
	1. \$ (S - A, M) (S, 74, 10) }	` ~
	2. E(S→A→C,4),CS→A→B,7), CS→4,125	
	3. SCS-A, C-9,6), (S-A-C-D,1), (S-A-B,7)	
	3(01,02)	1
	4. S > A -> C > 4 if provided.	1
		7
	aptimal parts weith cost G.	1
		7
0:3	fist different neuristic function used in 8 purgle	1.
	problem?	1
->	Admissible Heusistic	1
	i) n-man ducap	7
	ii) n-man gapssentation sump. Non-Admissible Heusistics	7
	i) Nilson's equence & cose.	7
	Mansons admind	1
		1
		7
		,
		-i-
1. 10. 3		