	PAGE No.
ALCOHOL:	
	Assignment 1A
16 / 18 / 18	(A33) 9 (11) (A)
	Name: Chanshyam V. Sanap
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	class; - B.El.
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	Roll No. : - 56
	Subjection - Attack
NAME OF THE OWNER OWNER OF THE OWNER	
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172 × 2	THE BAKE H. M. P. ST. L. SALARINE
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2-5-	26- Nound Ale A ileas basel a decircul
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	21 (a) 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
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	- A
	Assignment IA
	A MARKET DESCRIPTION OF THE PARTY OF THE PAR
. 4.	
Q.2]	Consider Following intence of 8 puzzle problem.
	The state of the s
** 4.5	8 7 6 - 8 7
1011	2 1 6
in in	3 4 - 3 4 5
No in	
	Initial final Configuration
181212	
die 1	Consider Meristic Functions defined below!
La Li	h1= Misplaced files Count except space
	h2 = Currently placed files count except space
	h3 = sum of Manhattan distance between
	(urrent & Crossed portion of all thries except po
	Answer the Following questions:
(a)	In 8 puzzle problem we are concerned with
	getting to go al contiguration couthin locale
	no. at stage All mover are there enally
Ly	Costly, Detine a(N) In your Olde
1.1	What wall se the lost of Colored III
HE LA	to some arbitrory 8-prese instance?
O. A. S.	
the	The lowest path (ost g(n) can be the cost to
	The goal corridor the
- (A-3)	Thouse (95) we (91) reach the tinil
	Configuration in at least 9 moves: UP, UP
	(ostly se concept g(n) as
	The concept y(N) six

The state of the s	PAGE No. DATE / /
3)	First g(n)=1/41+1+1+1=1=1
2 A A A A A A A A A A A A A A A A A A A	
10.10 m	
	Consider the Following arbitrary 8-puzzle instance
14/22	Consider the continuin in Esteps :-
ARIA.	which gives solution in Estepsition
	7 6
ia U	1 191 / - 91 2 4 11/11/19
	12 12 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Inimi	The solution can be represented as:
	28,7,63 22,1,53 2-3,433->{58,7,63, {2,153, {3,-4}}
	(co 762 121.54 (342) -) Ste, 7.64 (21.7.63, 4.5)
	55.8,7-3, 62,1,63, 4,5) \ \\ \(\) \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\
	S = , 8, 73 , £ 2, 16}, (3, 4, 53)
77	
横江	Since all the moves are equally costly, the
W.	Cost would be
	q(n)= S
	THE PRINCIPLE OF THE PR
	1 2 - 6 6 6 7 4 6 2 4 6 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7
(0)	Draw exhaustive state space free of depth limited to 4 for instance of 8-puzzle problem
()	limited to 4 for instance of 8-puzzle problem
	in the question.
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	The same and the s



