



		PAGE NO.	
	DATE:		
	f(N) = g(N) + h(N):		
	Heuristic: 1 A-B-K = 2.2 +73 = 600 9.5		
	Set L (2) A-0-K = 2.0+6.0 = 8.0 (lowest)		
	(3) A-C-K = 3.2+ 7.6 = 10.8		
	882:- (1) A-D-A-K = 2.0+2.0+8.0 = 12.0		
	(2) A-0-E-K = 2.0+2.2+5.4 = 9.6		
	Set 3:- (1) A-B-A-K = 2.2 + 2.2 + 8.0 = 12.4		
	O A-B-F-K = 2.2+3.2+4.1=9.5		
	Set 4 (1) A - C - A - K = 3.2 + 3.2 + 8.0 = 14.4		
	(D) A-C-E-K=3.2+2.2+5.4=10.8		
	SRt 5 - (1) 'A-B-F-B = 2.2+3.2+3.2 = 8.6		
	(2) A-B-F-H = 2·2+3·2+2·2 = 7.6		
	$(3) A - B - F - I = 2 \cdot 2 + 3 \cdot 2 + 2 \cdot 2 = 7 \cdot 6$		
	Set 6 : (1) A-B-F-1-K = 2.2+3.2+2.2+2.0=9.6		
	(3) A-B-F-H-K 2 2.2+3.2+2.2+2.8 = 13.9		
	Optinal Path is		
A-8-F-I-K			
A/c to	. 0- 1 11		
	· Open List	Close List	
Paionity	AOBC		
Queue	AOBC	A	
	ØBEA	AD	
	BFEA	ADB	
	FIEA	AOBF -	
ADBFI			