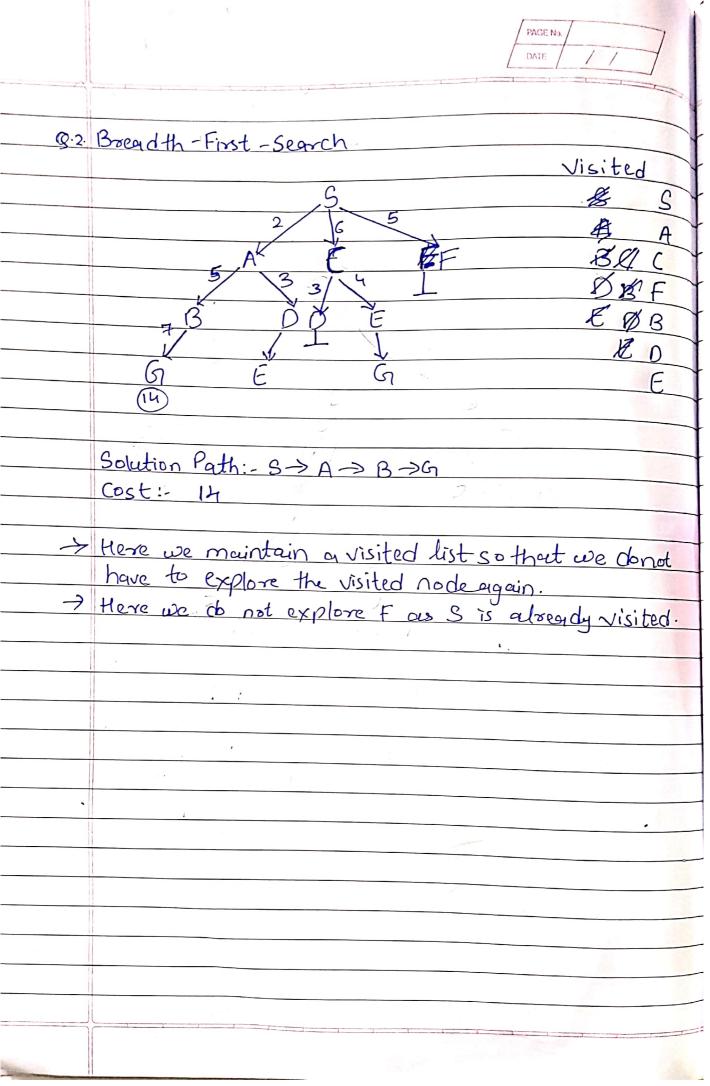
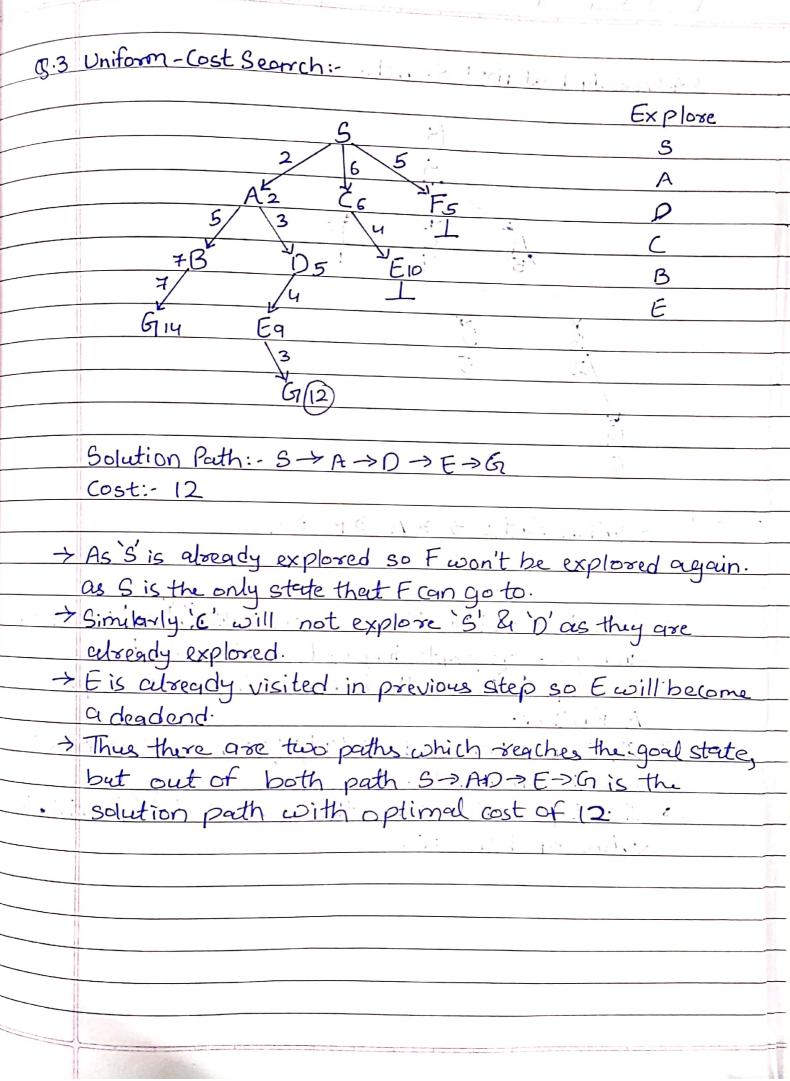
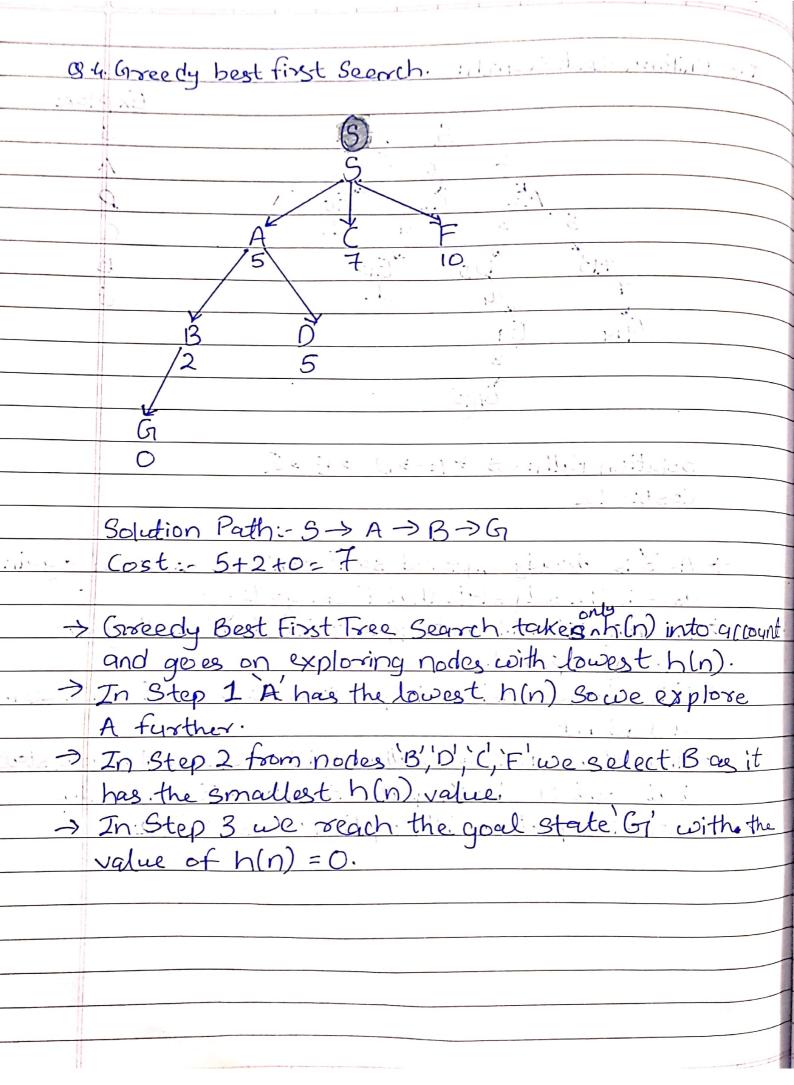
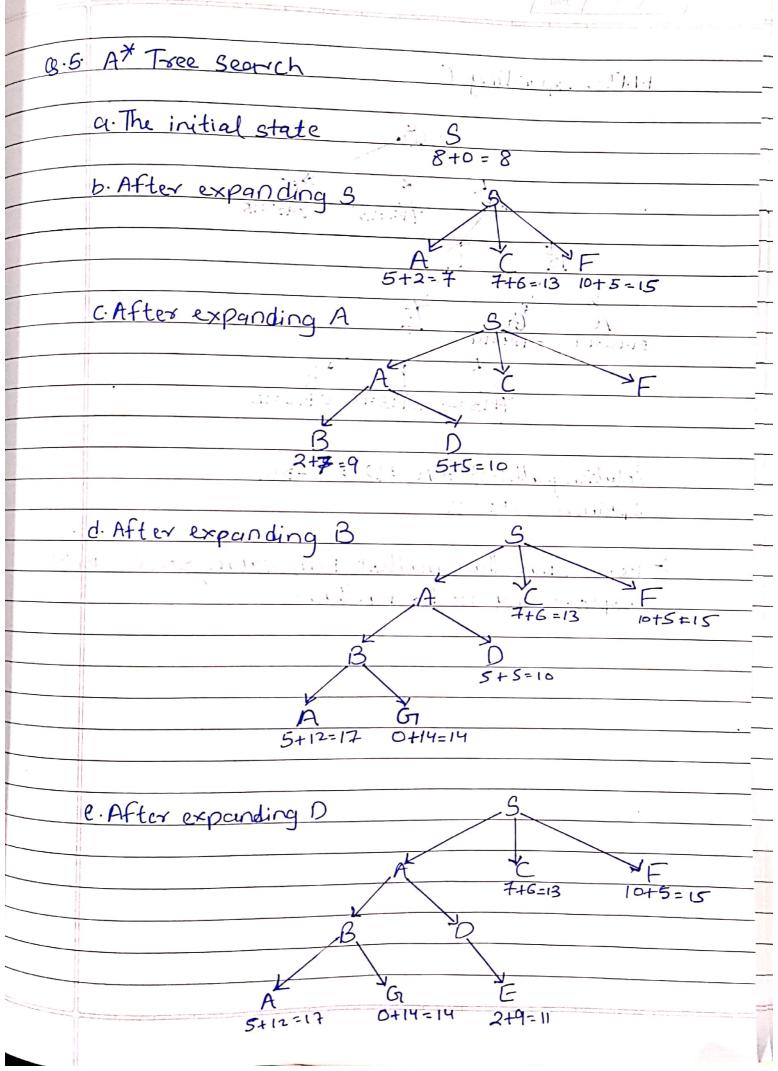


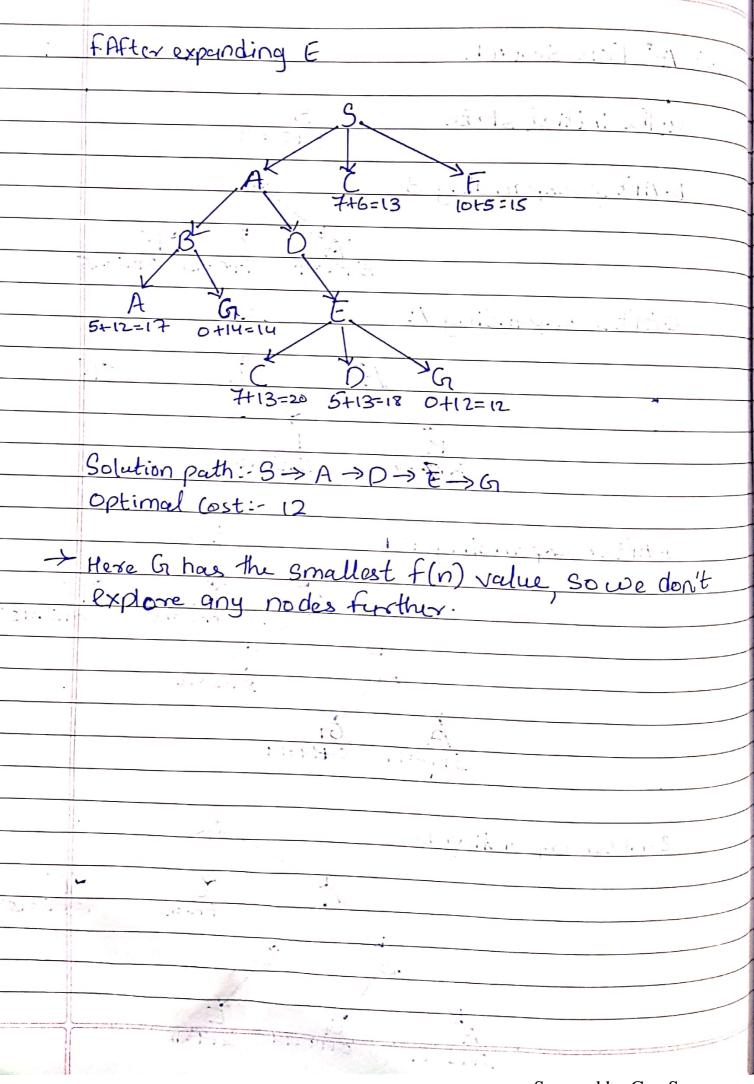
Scanned by CamScanner











FRCE tex	A CONTRACTOR OF THE PERSON NAMED IN COLUMN NAM
g.6. We sun uniform Cost Search for every node to find heuristic value of earth node.	
1- For Aode A 2- For node B	
A A Disited	
5/ \frac{5}{2}	
77 Ju E 3/ 7	
G12 E7 1 D8	
(n) (B)=7	
. h(A)=10	
3. For node (4- For node O Visited	
C C D D	
DES E	
4/3 1/3 265 S 4/3 E G ₂ A F C G	
7 8 11	
-h(c)=7	
5. For node E 6. For node, F Visited	
Visited 5F F S	
256 A	
573 112	
:. h(E)=3 :h(F)=17 B D E15 B	
G19 E14 3>G17	

		PAGE No.
		DATE
	For node Grid I mose ten	The sun control (
_	As node G is already goal. Therefore h(G)=0	state in silving
	T (10000)	
	heretore m(4)=0	The Apple 18
	Salan red &	The And is
8	Formode S	Litiei
	<u>ان</u> اخ	A. 1:
_	A G/ \=	Visited /
	2/16.5	2.5
	A C F	A V
	5/2/3 6/4 5	D Til Sind
	BDE	
-	7 15 1	B
	12	
-	G E	E DEGNA :
	14 03	
	0 612	2.16.1 1.00.1/2
	-h(s)=12	
		2.11
	: \	<u> </u>
	E ,	1
		3.3. 8. 3.
	.0 0	S 6 4 1 1/2
	, 5	1 11 450 3
	1	
		1. 6311.
butility		
		E fin weder (i
- 1		divice visit
	V	
U		V- 1
	12.17	3
- j -		No. 19 Marie Control
		.:
		(3),1:1
. 41	A Committee of the Comm	G 11 C C

	•					
0.6.	Admissible trey	ristic function.	mility our	J. 10		
-9-0	-10 to 10 to					
	Node	h(n)	h*(n)			
	A	5	10	-		
	1 B	2	7			
i		7	7			
	D	5	そ!			
,	E	2	3			
	F	¿ 10 ! .	17			
	G			1		
	S	8	12			
	.Total	39.	63			
			1			
<i>→</i>	Here the tote	d cost of the gr	aph is	C		
4	5+6+2+3+3	3+5+4+4+7+3	= 42. The sun	not the		
	Here the total cost of the graph is 5+6+2+3+3+5+4+4+7+3=42. The sum of the heyristic values of his cayyal to 10+7+7+7+3+17					
1 (0+12=63, which is larger then total cost of graph					
	although him is admissible (where h' is summer					
	the costs of the edges)					
,				×4.4.2		
· ->	As we can see in the above table values of K*(n) domi					
	such and every rable of h(n) for every node					
	Thus we can	reay that h*	(n) : $\sim h(n)$	for all?		
		-	<u> </u>			
	-		** 8			
×	1 41					
	7 % 2 = 0 1 m = -	ż				
	Stell:					