ralve		
V <sub>a</sub> lue		
وارا م		
Taive	2	
55		
20		
13		
47		
81		
75		
0 *		
•		
31		
64		
	[8]	
9		
6 (8)		
_		

## Scanned with CamScanner

A-Finals Rut1			Lauron, John Entro	BS CPE-1
2.) 31,55, 13,	81,64,47,20,75,93,51	0,101 B-Tree	e ADT of order5	
1. Insert 31	2. Insert 53	g. Insert 13	4. Insect 81	
31	31 · 55	13. 31.55	13.31.22.81	
5- Insert 64	6. Insert 47	₹·Ins	ert 20	
13.31 64.81	[3.31.47] [6	4.81	9.47 64.87	
8. Insert 75	g. Inse		ro. Ingert 6	0
13.20.31.47 64.7	5.81 13.20.31.47	64.75.81.93	13.20.31.47.50 64	75.81.93
11. Insert 50		12. Insert 101		
31.55	5.81.93	13.20 47.50 6	4.75.81.93.101]	
Final B-Tree:				
mult o life.	31.55.81			
13:20	[47·50] [64·75]	73 ·101		

## Scanned with CamScanner

SA-Finals Part 1	lauron, John Enrivo Bs Gpt-1				
3·)					
a.)	Breadth-First Traversed = A ED FCB G				
A					
<b>E b</b>					
<b>F</b> 5-					
b.) Adjacency	Matrix				
A B	c Defg				
A O D	0 7 6 0 0				
B 0 0	8 3 0 0 0				
c 0 8	0 4 0 0 2				
0 7 3	4 0 0 9 0				
E 6 0	00056				
f 0 0	0 9 5 0 1				
6 0 0	20010				
c.) MST					
	9				
(A)	© F				
0 1	21				
B Es	<u> </u>				
7 3 8	2 + 5				
$A \rightarrow D \rightarrow B \rightarrow$	$(\overset{2}{\rightarrow}G\overset{1}{\rightarrow}F\overset{5}{=}26$				

## Scanned with CamScanner