I Consider a main remote with stope from and the following Soprence of trops responses: 318,2,3,9,1,6,3,8,9,3,6,2,1,3. Find out 20. of bose fourth for FIFO, LRU, MRU, editinal base Replaced Alos AND) PF = 5, Refs + 3,8,2,3,9,1,6,3,8,9,3,6,2,1,3

a) FIFO >

3,82391638936213 m m m m m m m m H H H m H H. 38936213

1 3	3	3	.6.	6	6	6	6	6	6 .	6
3 3		0	8	3	3	3	3	3	13	3
8 8	8	10	2	12	18	8	18	8	18	8
2	2	12	14	+-	10	ta	19	19	2	
	19	19	19	19	79				1	12
1	1	11	1	11	11	11	1	1	1	11

Page fault =) 9

LRU + 3 8 2 3 9 1 6 3 8 9 3 6 2 1 3 mm m m m m H H H M M M H

1,	13/ 14/ 11/		1	0	1	2
	1 1 2 3	a 1 9 1 3	16	7		-
100	9 9 1 6 2	0 12 10	13	6	2	
3 8 4	21216	3 16 19	-	3		-
	12/3/9/1	1 3 2	19	3	6	2
3 8	1 2 9 1 1	6 1 3	10		70	
B	18/2/3/3/1	11/16	8	19	2	16
1.3	+ 10 0 13 19 1	100	-		70n	
	1 18 14 1	0111	11	8	0	19
	11/2/2/2	191111				_
	1 10 12 1					

'ago fault -, 9



