

VIT	VIT'
Vel	ore Institute of Technology

## ADDITIONAL SHEET

Initial of the Hall Supervisor with date

coord=32-6its=4bytes=22bytes

Cache block = 2048 bits = 256 bytes = 2 bytes

addr = 32-6its

cache z 2048 blocks = 2" blocks

Brock (no. of words) = 12,8 bytes = 26 words

word = 6-bits

Diret mapped rache

		1.1	
	to-8	line U-Bita	offset 6-bits
1	同一点		
	9	32-bits	

2-way set

Set = 2' blocks cache (no. of sets) = 2" blocks = 210 sets

tag -	Set 12 bits	oblet 6-bits
16-6-ts	10-6175	10-0100

A-way set also Set= 4 blocks = 22 blocks no of sets in cache = 2" blocks = 29 sets d de le l'122 blocks doct adas Tag about set ofbet Woods con and con the con and Wid-d=brow Jane portabout + Darld (21/1d-0) (3/11) (3/11) (3/11) (3/11) (3/11) (3/11) 32-bits The finance cache (re. of sets) = 2" Buchs = 2"0 sets 70.9 10-bits 6 bits

addr = 8-bit  
page = 16-byte = 24 bytes  
procus = 4 pages  
frames = 3  
0 2  
1 0  
2 1  
3  
LRU  
TIB - poptimal  

$$7,17,37,20,40,60$$
  
Ugical addresses =  $7,17,37,20,40,60$   
Ugical addresses =  $7,17,37,20,40,60$   
 $7 = 00000111$   
 $17 = 00100101$   
 $37 = 00100101$   
 $20 = 000101000$   
 $40 = 00101000$   
 $40 = 00101000$   
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 $40 = 001011000$   
 $40 = 001011000$   
 $40 = 0010111000$   
 $40 = 0010111100$   
 $40 = 0010111100$ 

ADDITIONAL SHEET Initial of the Hall Supervisor with date Emp. ID.: ⇒1/8= 11101010 00010101 00010001 -21= 1110101 M=-21= 10000000011101011 17 = 00010001 recoded martiplier= 00000000 000000 000001 O 0 101 00000000 0000000 00 01 -1101.010011 -1.101010011 x B 13.275 E=3+1023=1026 10000000000 1010100011000.... 12.48 = 1100.0111101 => 1.1000111101 X2 10000000010 1000111101000....

+21×17

+21×17				
BR2-212 (0	000100	BR+1=0001010	1 Opt 1	SC
Comment	AC	QR 1	0	8
	00000000	00010001		0
AC+BR+1	00010101		,	7
	00001010	1000 1000		
Ashr	11 D D D D D D D D D D D D D D D D D D			6
AC+BR	11010101	11000100	0	
Ashr				5
11	11110101	p1100016		4
ASho	iii ii bi C	1011000		
AShr	00010101	_		· · ·
AC+BR+1	0001000	\$ 101100	0	3.
AShr	0000100			
	The Designation of the second	College College	0	. 2
ACTBR		0 001011	00	. 1
AShr	S. Thati	000101	10	
AShr		100 00 1 1	)     (	) 0
Ashr	1 1 1 1 1			
HO!				
-27/22	<u> </u>			
			1011	
22 = 00	10110		0100	
27201	1011			_
Q= 100		(0	0101	_
Q = 100		B		
	1 (11)	100101		
1	1 1 1 1 1 1 1	-		