Abdurration BULUT 1901042258 CSE 331-500 Final Exam, Dalla

I hereby pledge that I will strictly alter to academic integrity codes and the work done on this examination is solely my own and I will not receive /give my help from/to aybody or source during this examination

index = 7 sits, 27 block

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line hays

lindex = V - tong - Manony

32 byther block one - 25 - 5 pffset

1 1110 0101 0110 1110 1011 0001 0011 1000

Index v tag 510ck other

block adress = Index + tag

Block Adress | Block Adress | Block | Tong | Offeet |

100 1000 1101 0111 10110 1100 19111 -

c) Set aldress:

d)
$$2^3$$
 yindex $2^3 \times 2^3$ y two assoc y $2^8 \times 2^5 = 2^{13} = 8$ Kilobytes block

e) AMBT = hit time, + Miss rake, × (hit time, 2 + Missrake, x Miss penalty), \(\)

4 ns + 0,1 × (10ns + 0,4 × 600 ns)

= \(\text{Lns} + 0,1 \) (10+2\(\text{L} \))

= \(\text{L} + 0,1 \) (34)

= \(\text{L} + 3,4)

= 7,4