

A) In worst ose, in

in one LL.

1-x 0

Back to A.

(3) i & ii only

direct chaining, all keeps are

2) So, TC 2 O(n)

In open addressing, in worst

case, we go through the entire

table SIZE-1 times ire.

Stut is not necessarily true

B) we use direct chaining when

no. of keys > hash table size.

DON'T LIKE 7141S

Deletion involves searching

So, option D, nove of the

III) hosh force may rosalt in offiction

I) i/p is tixed length X

Not necessarily

(II) :/p is of authitrary length

I & A

ode part -> not sure

True

2/Ps: 1439

REASONENG

sa space used is def not less

since we don't know it

n 2 925

bus x rabbo to treate say

circle the outire table back

2) SO, TC 2 O(STZE)

both

0 37

Linear probing:

7 5 50 :

3512 %(i+(x)n)=(i,x)H

Let's say key y was searched

in the table and none of si-sais

H(20,0)= (20%10)+0)% SizE

Next, Polision increase

H(20,1)2 (041)%, 10

H(20,2) 2 (0+2) %10

Address 2 is empty.

Now, we definitely know that 20 is not present in the hash

to find the longest sequence of

(20 0) H(x) 28

121 5 H(D) 2 9

122 => H(X) 20

123 >> H(X) =1

S comparisons/

(124 => +1(x) 22 => compty

filled addresses followed by an I

To answer the question, we need ____

R=185 FMB

SI!:20

Next,

table

y = 28

empty address.

2 (0)% (0