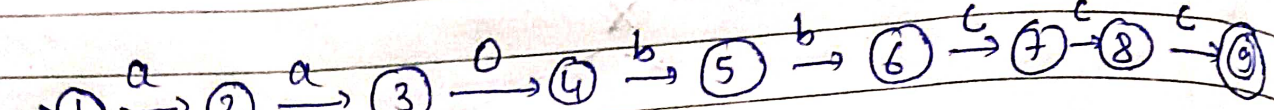
19001019

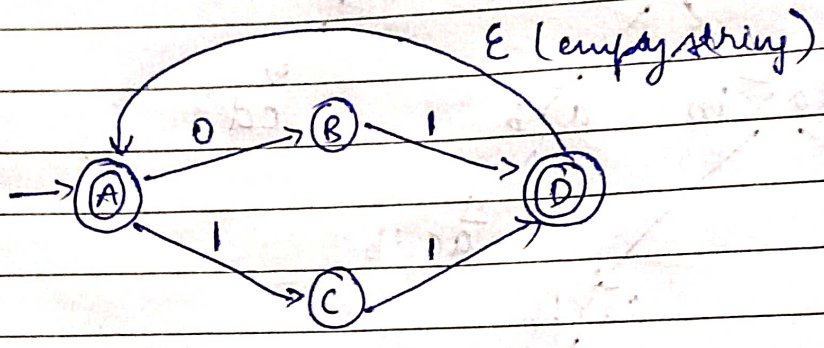
Harsh Kumar

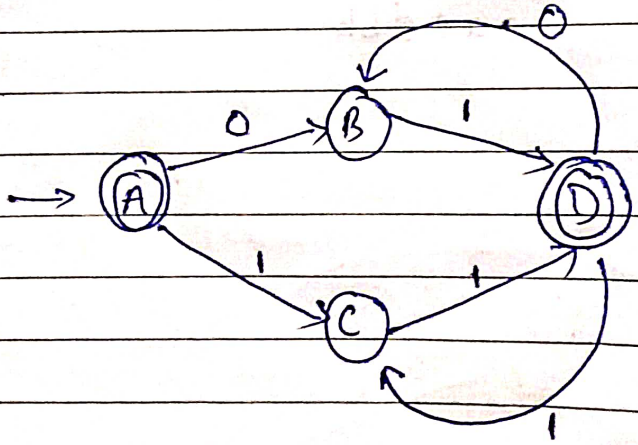
Page :

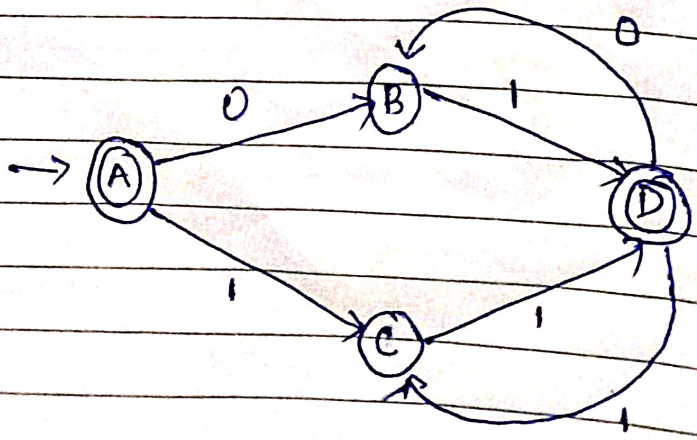
Date : / /

1) a, b, c = [0-9]

2) 

3) 

4) 

5) 

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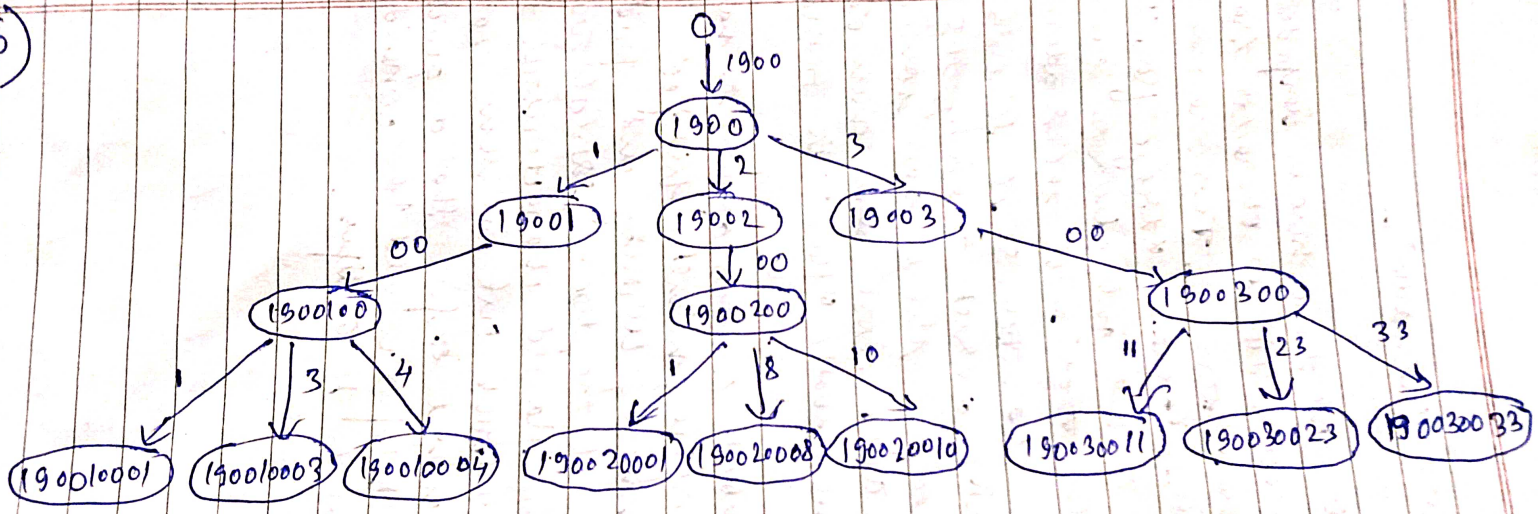
1900
1900
1
2
3
19001
19002
19003
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1900100
1900200
1900300
1
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4
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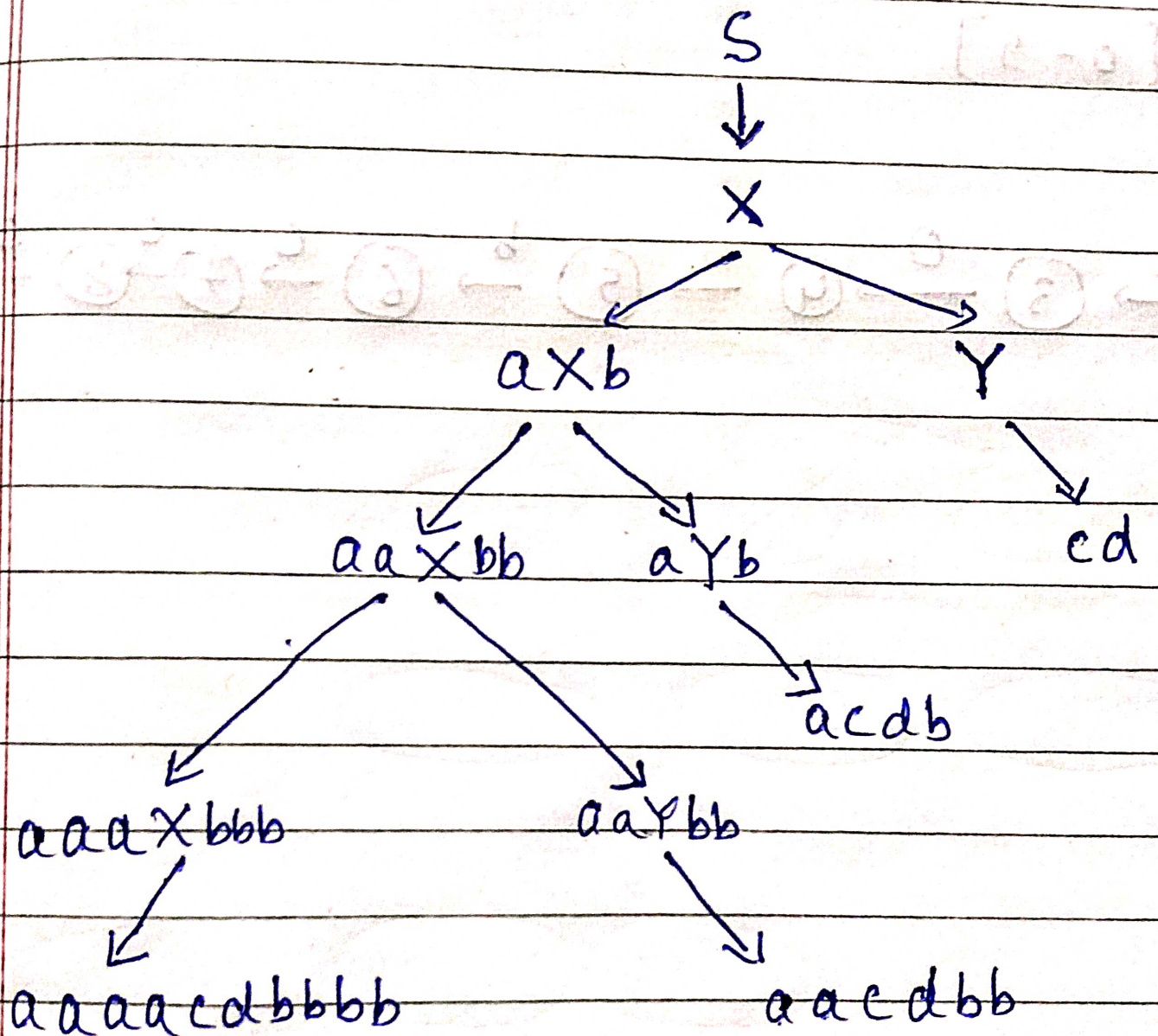
8
10
11
23
33
19001001
19001003
19001004
19002001
19002008
19002010
19003011
19003023
19003033

7.) a(n times) cd b(n times)

8) No, due to pumping lemma

9) Terminals → a, b, c, d

Non-Terminals → S, X, Y

10)