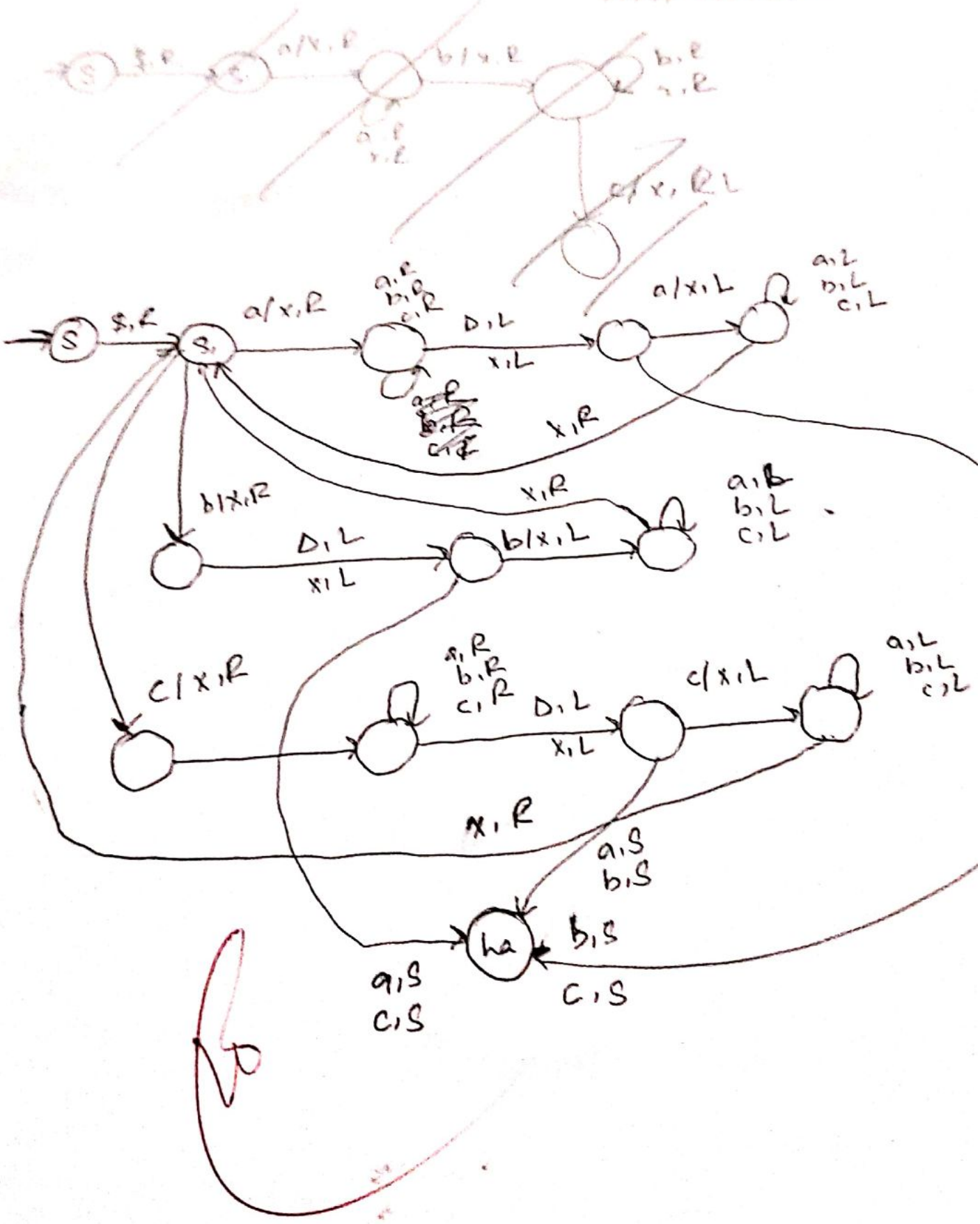
Theory of Automata Quiz 4 Date: 1st Dec 2023

Name: Maha Ahmad Roll Number: 20L-1076

Q: Design a Single Tape Turing Machine that will recognize following language over {a,b,c}?

L = {Non - Palindrome}



Scanned with CamScanner

Theory of Automata

Quiz-6

Date: 1st Dec 2022

Name: NOOH JAVED

Roll Number: 19L-1206

Q: Design a Single Tape Turing Machine that will recognize following language over (a,b,c)?

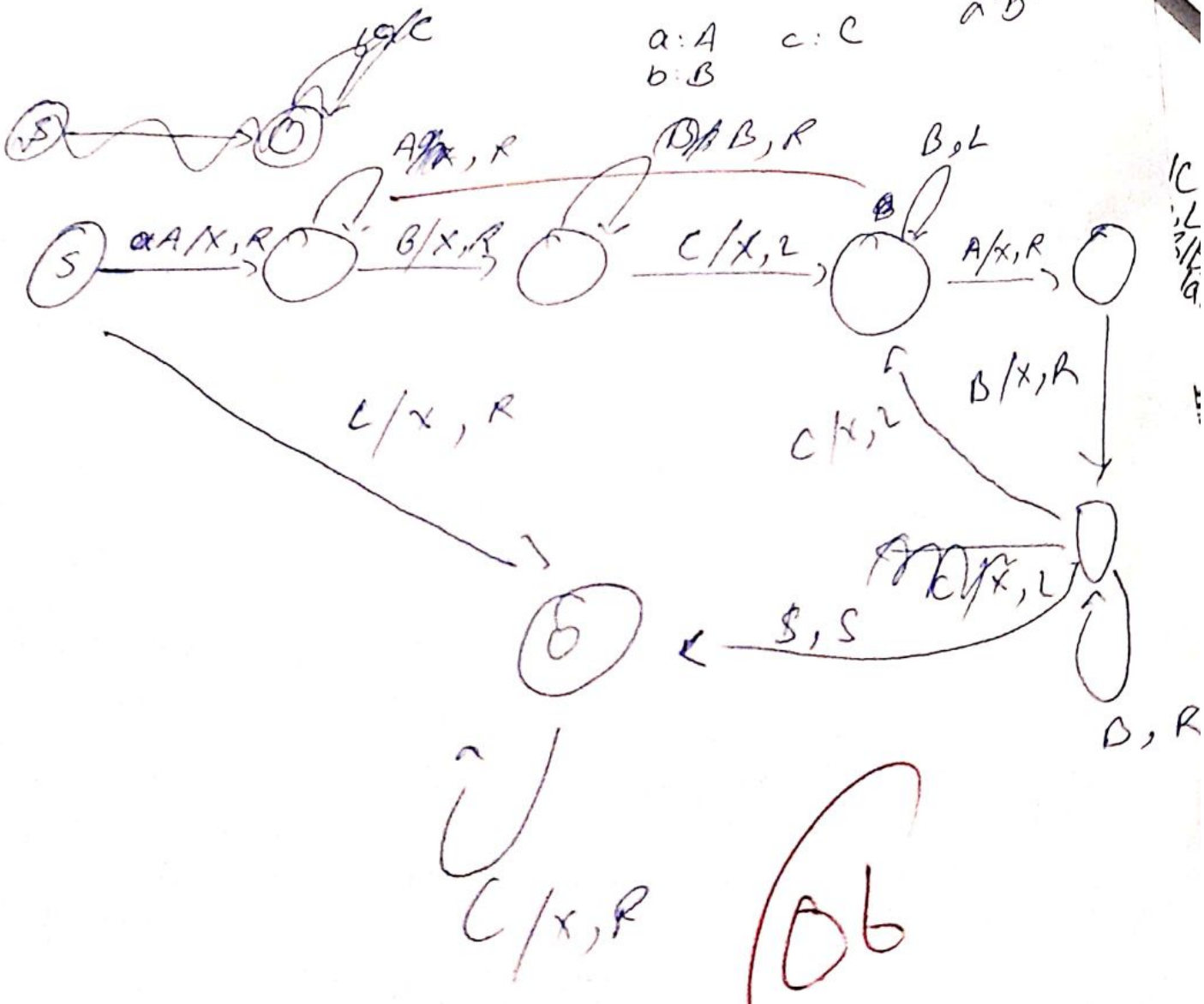
$$L = \{ a^i b^j c^k \; ; \; i \le j \le k \; ; \; k \ge 0 \}$$

$i \le j \le k \quad k \ge 0 \quad jkk \quad ijjkkk \quad ijk \quad k$

$a^i b^i$

a : A c : C

b : B



06

Scanned with CamScanner

Theory of Automata

Date: 1st Dec 20

Name: Sahibzada Arham Anwar

Quiz-6

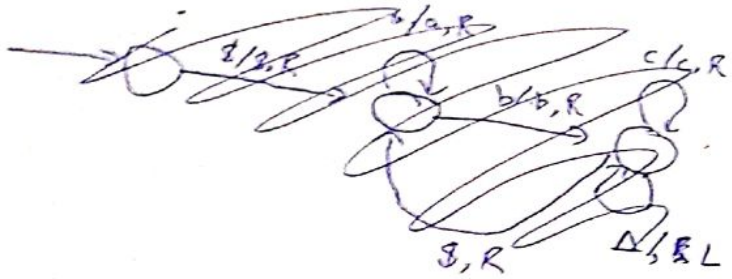
Q: Design a Single Tape Turing Machine that will recognize following language over {a,b,c}?

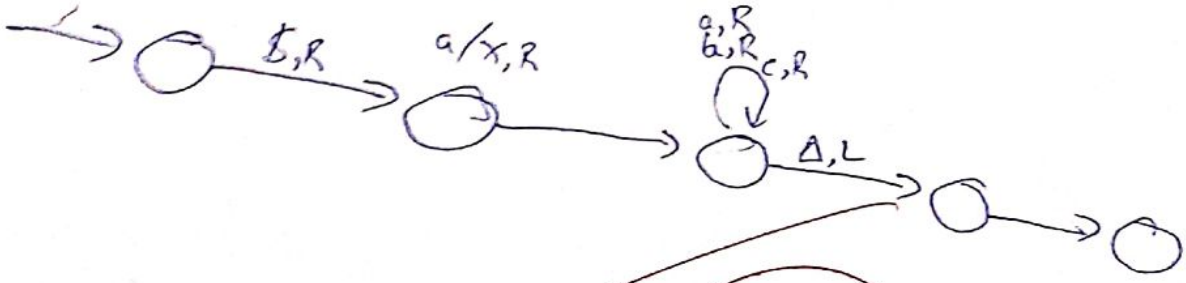
Roll Number: 20L-1204

Date: 1st Dec 2022

$L = \{ a^i b^j c^k ; i \le j \le k ; k \ge 0 \}$

a bbccc





02