Computer and Emerging Sciences, Lahore

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Course: | Theory of Automata

Program: BS (Computer Science)

Puration: ~20 Minutes

Paper Date: 6-12-2023 Section: SE

Exam: Quiz 4-5

Course Code: Semester: Total Marks:

Page(s): Roll No.

Weight

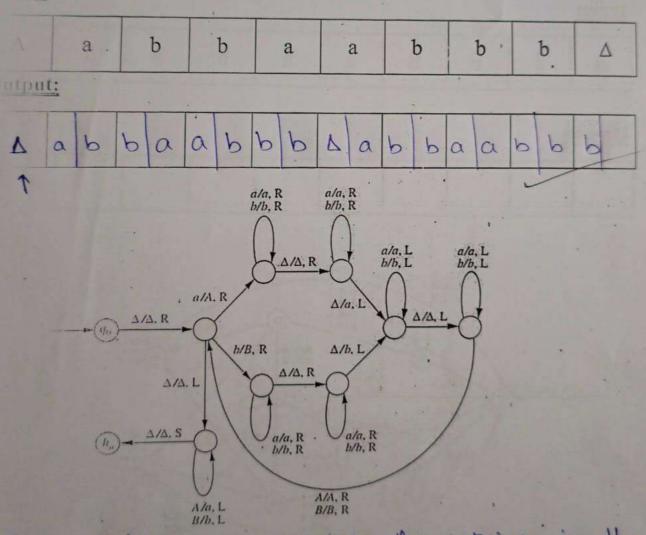
CS-3002

Fall 2023

211-5349 Ali Raza

What will be the output of the given input on following Single Tape Turing Machine and what monality is performed over it also mention the pointer position when string in Input is processed?

mul:



This machine is copying the string in the tape

ofter the A sign. It makes a's and b's, ti's and B's respectively and then again makes them small after copying string after A.

## National University of Computer and Emerging Sciences, Land



Course:

Program: Duration:

Paper Date: Section: Exam: Theory of Automata

BS (Computer Science) ~20 Minutes

211-1520 (SE).

Course Code: Semester: Total Marks:

Page(s): Roll No.

Weight

CS-3002

10 10

Q1: What will be the output of the given input on following Single Tape Turing Machine and what functionality is performed over it also mention the pointer position when string in Input is processed.

