Date ____

Time: 9:00 to 1:00 pm Exam Roll num: 20234757053 Name of the programme: MCA Simister: III Unique paper cede: 223401303 Title of the paper? Automata Theory Name of the dept: DUCS Email ID: 200083@ cs. du ac in Mobile no : 9899519848 Question no. ; 6 lage no. : 5

Name: Snadha Kedia

Date: 20th December, 2021

for a we always push to the stack, for a we perform no operation and for b we pop. Is is dead state here 92 in final and go is initial AI a Co Step 1: Unique mon neenterable initial state and unique unleavable state: (consider intal (new) 1 and new final state 2) Qb a Qa (2) stor 2: eliminate 95 Tookh (b+aa*b)aa* RE = (b + aa*b)aa*

