YOUR NAME/ID/SEAT: ((Personalized :	name/ID/seat will be here))
You must copy and sign this (you are allowed to copy and sign this before the not give or receive any unauthorized help on this exam, and that all work will be	
Signature	
Midterm 1 CSC 280/480: Computer Models and Limitations, Prof. Lane Hem	2023/3/1aspaandra, Spring 2023
blank white paper we will make available is for you to use as scrap paper of nor graded. (Note: You should ignore the 'boxes, which are found only on this There are six 20-point questions on Part 1 and we will grade all six but will for of the six. So it is a 100-point exam. However, we will give each student as extra plus also as extra credit one quarter of the score they got on the dropped Part-1 quest 110/100 (110%) on the exam. (Note: Not all students may have the same ordering of and, for example, your test paper's first problem might not be the easiest one.) For the purposes of this exam, you may, if you wish, treat the transition function DFA as if it will even take strings as its second argument, and as if it will in that case, output the state that one ends up in if, from state q, one goes through the sequence characters in w. (This paragraph is not making a claim either way about whether somed you to do that.) This is an in-class midterm exam being given during the March 1 class period. Class for at most one 8.5-by-11 2-sided—or two 8.5-by-11 1-sided—handwritten self-prepar Closed computer/phones/electronics/etc. (no electronics may even be in sight or rear room during the exam without irretrievably handing the exam in before leaving. No questions may be asked during the exam. (If you are convinced that so way that makes the problem impossible to solve, explain, on your test sheet, what is so	s page and the page headers.) each student drop the lowest credit their score from Part 2, tion. So it is possible to score a the problems or of the answers, in $\delta(q, b)$, $q \in Q$ and $b \in \Sigma$, of a say $\delta(q, w)$, $q \in Q$ and $w \in \Sigma^*$, the of transitions dictated by the me problem(s) on the exam will exceed book. Closed notes (except the examples). Write clearly. Ch). You may not leave the comething is severely wrong in a deverely wrong. But for examples
minor typos where it is clear enough what was intended do not mean you can skip so	
Problem (Part 1) 1	Score
(Part 1) 2	
(Part 1) 3	
(Part 1) 4	
(Part 1) 5	
(Part 1) 6	
Part 1 Total (= sum of the five highest of $1/2/3/4/5/6$)	
Extra Credit: 1/4 of your score on the dropped question from Part 1	
Extra Credit: Part 2	
Total (i.e., Your Exam Score)	/100