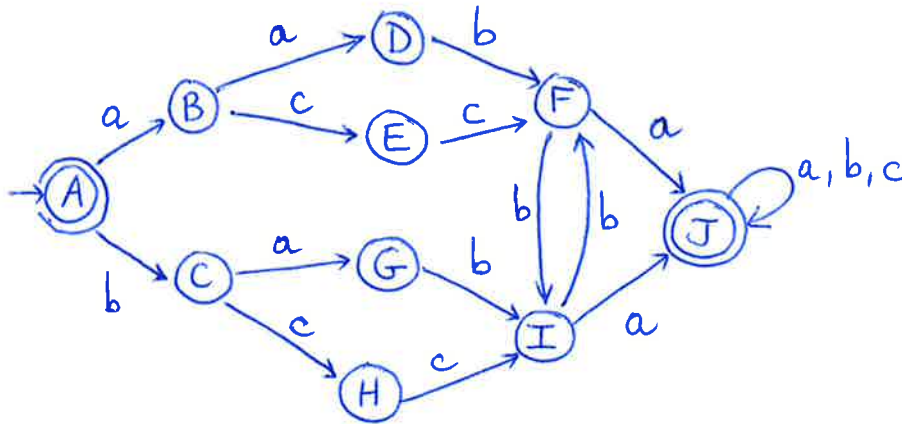


CS3350 – QUIZ 7
10 minutes / 10 points
NAME:

October 13, 2014

Question 1. [5 points] Run the DFA minimization algorithm seen in class on the following DFA. * *Important:* Make sure that your answer is structured in such a way that it is clear which step you took first, second, etc.



Question 2. [5 points] Explain – in two sentences – how finite automata are able to recognize languages that contain infinitely many strings of infinitely large length. * *Important:* Make sure that your answer is legible and grammatically correct.