

CS 302
QUIZ 2

13 October, 2016

Duration : 15 minutes

Do not forget to write your name on your paper !

QUESTION

Consider the RE : $E = 1.(0.0+1)^.0$*

- (a) (5 pts) Sketch first an **epsilon-NFA** with no more than 5 states to accept E and convert this to an **NFA** without epsilon transitions.*
- (b) (5 pts) Compute and sketch a **DFA** to accept E .*