CS 302
QUIZ 6

12 November, 2019

Duration : 15 minutes
Do not forget to write your name on your paper !

QUESTION

(a) *(7 points) Construct a PDA* **$P = (Q, \Sigma, \Gamma, \delta, q_0, Z_0, F)$** *that accepts the language :*

$L = (\omega \in \{0,1\}^* \mid \omega = u.u^R, u \in \{0,1\}^*)$ *where* **u^R** *denotes* **u** *written in reverse.*

(b) *(3 points) Exhibit the accepting computation steps of* **P** *when* **$\omega = 0110$**