CS 302 QUIZ 8

29 November 2017

ANSWERS

(a) (4 pts) See slide set 8

(b) (6 pts) L:= $(\omega \in \{a,b,c,d\}^* \mid \omega = a^n b^m c^m d^n, n,m \ge 0)$ IS a context-free

language , generated by $G = (\{S,B\}, \{a,b,c,d\}, R, S)$ where

 $R: S \rightarrow a S d / B / e ; B \rightarrow b B c / B / e$