CS 302
QUIZ 8 (REMOTE)

30 April, 2020

Duration : 15 minutes

Do not forget to write your name on your paper !

QUESTION

Consider the CFG **G = ({S,A},{a,b,c},R, S)** *where* **R** *is given by :*

S → a S b | A ; A → b A | c

(a) *(3 pts) State the language* **L$_G$** *generated by* **G** *.*

(b) *(7 pts) Using* **'look ahead'** *technique construct a DPDA that accepts* **L$_G$** *.*