2 April, 2020

CS 302
QUIZ 6 (REMOTE)

Duration : 15 minutes

Do not forget to write your name on your paper !

QUESTION

(a) *(5 pts) Construct a CFG **G** that generates the language*

$L = \{a^n b^m c^m d^n \; ; \; n, m \geq 0\}$.

(b) *(5 pts) Construct a* single state *PDA **P** that accepts the* language **L** *by* empty stack *given in part **(a)**.*