

CS 302

7 May, 2020

**QUIZ 9 (REMOTE)***Duration : 15 minutes**Do not forget to write your name on your paper !***QUESTION** (10 pts)

<i>Label</i>	<i>Condition</i>	<i>TM</i>
$> A=R$	$\sigma \neq \#$	$\#. R_{\#} . R_{\#} . \sigma . L_{\#} . L_{\#} . \sigma . A$
	$\sigma = \#$	$L_{\#} . h$

*For the TM described above state the final halted**configuration when the initial configuration is :  $(s, \underline{\#} abca)$* *where  $s$  is the initial state and  $a, b$  and  $c$  are all different from  $\#$*