CS 302   *16 December, 2015*
QUIZ 10

Duration : 15 minutes

QUESTION

*(10 pts) Specify either **graphically** or in **tabular form** a Turing Machine **M** that performs the computation : $(s, \underline{\#} \, w) \vdash^*_M (h, \underline{\#} \, w \, \# \, w)$, where $w \in \Sigma_0^*$*

TM	Condition	Next TM
> $A = R$	$\sigma \neq \#$	$\# . R_\# . R_\# . \sigma . L_\# . L_\# . \sigma . A$
	$\sigma = \#$	$L_\# . h$