

Math 301-142 Quiz 6 (A)

Name:.....Sec#:.....ID#:.....Ser#:.....

Q.1: Solve wave equation to find $u(x, t)$ with following condition $u(0, t) = 0$, $u(1, t) = 0$ and $u(x, 0) = x(1 - x)$, $u_t(x, 0) = 0$