Math 301-152　　Quiz 5 (A)

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

Q.1: Find the temperature $u(x,t)$ in a rod of length 1 if the initial temperature is

$2\cos 3\pi x + 5\cos 4\pi x$ and if the ends $x = 0$ and $x = 1$ are insulated.