Attendance Quiz for Lecture 18

NAME: (print!) _____   Section: _____

E-MAIL ADDRESS: (print!) _____

1. Find the general expression, in polar coordinates, for the steady-state temperature $u(r, \theta)$ in a circular plate of radius 2, if the temperature on the circumference $r = 2$ is given by $u(2, \theta) = \sin \theta$.