MAP 3306 eMath2   **Quiz 5**   12 Oct 2007   Name: _____

Directions: Show **ALL** work for credit; Give **EXACT** answers when possible; **SIMPLIFY** your answers;

1. Find the general solution to the PDE $u_{xx} + u_x - 2u = e^{xy}$ given that $u = u(x, y)$ is a function of two variables.