MECH 6325 HWY

(b)  $f_{XY}(x,y) = 6e^{-2x}e^{-3y}, x>0, y>0$ (c) or nerwise  $F_{XY} = F_{XY} = F_{XY$ 

 $R_{XY} = \begin{bmatrix} 1 \\ 2 \\ 1 \end{bmatrix}$   $R_{XY} = \begin{bmatrix} 1 \\ 2 \\ 1 \\ 6 \end{bmatrix}$