(1) Find an equation of the tangent line to the parametric curve given by \( x = e^t, y = (t - 1)^2 \) at \( (1,1) \).

(2) Find the area of the curve \( x = a \cos^3 \theta, y = a \sin^3 \theta, \ 0 \leq \theta \leq \frac{\pi}{2} \).