The induced emf = A*dB/dt = π*(0.06m)^2*6.5x10^-3 T/s = 7.34x10^-5V

Now E*L = emf where L = 2πr

So E at a distance r from the solenoid is 7.34x10^-5V /(2π*r)

$$E(8.2 \text{ cm}) = \frac{7.34\text{x}10^{-5}\text{V}}{2\pi * 8.2 * 10^{-2}\text{m}} = 1.42 * 10^{-4} \frac{\text{V}}{\text{m}}$$