9. . A potential difference of exists between two plates of a parallel-plate capacitor with capacitance C. A dielectric with a dielectric constant of is then placed between the plates of the capacitor. What is the energy stored in the capacitor? (A) ½ (C/ )( )2 (B) ½ ( )( )2 (C) ½ C( )2 (D) ½ C (E) ½ (