7. . A positively charged particle of 2.0 C moves upward into an area where both a magnetic field and an electric field are acting. The magnetic field has a magnitude of 4.0 x 10-4 T and the electric field has a magnitude of 0.1 N/C. At what velocity must the particle be moving if it is not deflected when it enters this area?  (A) 4.0 x 10-3 m/s (B) 125 m/s (C) 250 m/s (D) 500 m/s (E) The particle will be deflected to the left regardless of its velocity