8. . Graph of velocity vs. time of a moving particle plotted at right give below.  How do the acceleration and displacement of the particle at point B compare to the acceleration and displacement of the particle at point A? (A) Acceleration is less, displacement is less (B) Acceleration is less, displacement is the same (C) Acceleration is less, displacement is greater (D) Acceleration is greater, displacement is less (E) Acceleration is greater, displacement is greater