

- 16** Which of the following statements is *not true* for an oscillating body when light damping is present?
- A** The presence of light damping changes the period of oscillation.
 - B** The damping force is always in the opposite direction to the velocity of the body.
 - C** The presence of light damping changes the maximum potential energy of the body.
 - D** The damping force is always in the opposite direction to the acceleration of the body.