10. . How should the mass of a rotating body of radius r be distributed so as to maximize its angular velocity? (A) The mass should be concentrated at the outer edge of the body (B) The mass should be evenly distributed throughout the body (C) The mass should be concentrated at the axis of rotation (D) The mass should be concentrated at a point midway between the axis of rotation and the outer edge of the body (E) Mass distribution has no impact on angular velocity