

**Engineering Physics I – Fall 2015**

**Quiz 8 – November 12, 2015**

**Name:**

- 1. True or false**      An example of an inelastic collision is two balls colliding and continuing with a common velocity.
- 2. True or False**      The momentum of a system of particles can be described by the momentum of their center of mass
- 3. True or False**      Moment of inertia is a measure of the potential energy of rotation
- 4. True or False**      An object's moment of inertia depends only on its mass
- 5. True or False**      A given object can have more than one moment of inertia