1. Define a particle.

2. Conventionally, what is the “nano” size-range?

3. Identify some needs for particle characterization in:
   a. Everyday life
   b. Energy industry
   c. Water usage
   d. Agriculture
   e. Environment
   f. Hard drive manufacturing
   g. Pharma & medical device manufacturing
   h. Composite technology

4. Why do you want to study “Particle Characterization”?