# Particle Characterization: Module 2, Lecture 2

1. Describe 2 methods to measure bulkiness.

2. How are roundness and rugosity measured?

3. Why were early methods of shape analysis based on geometry?

4. What was the major limitation in Heywood's method, and how did Krumbein and Lee address it?

5. Give some examples of shape comparators and verbal descriptors.

6. What re the advantages & disadvantages of bulk property-based methods? When would you use them preferentially?

7. How does RoTap test work?

8. In the mathematical method of shape analysis, is it better to leave after discretization, or proceed to fit the data with a continuous function?

9. What is an essential requirement for Fourier shape analysis to be effective?

10. As particle dimensions become finer, which method(s) of shape analysis are more appropriate?