

EMC 2003-2004
Industrial Minerals
Exam 08.03.2004

1. Describe shortly how limestone is connected to,
 - a. Construction [5p]
 - b. Soda Ash (Na_2CO_3) processing [5p]
 - c. Paper minerals [5p]
 - d. Steel industry [5p]
2. How is Apatite connected to fertilizers? [10p]
3. What can you tell about the so called salt tree and its two main sides? [10p]
4. What are the main steps in Kaolin processing (wet process)? [10p]
5. Describe the main Sulphur sources for H_2SO_4 production. [10p]
6. Describe the Ti sources for TiO_2 manufacturing. [10p]
7. The following questions are dealing with abrasives.
 - a. Name and describe 2 natural ones. [4p]
 - b. Name and describe shortly 2 synthetic ones. [2p]
 - c. How are they uses (2 different uses)? [2p]

Exam [80p]
Assignment [20p]

Maximum points [100p]