

IAS Mains Geology 1995

Paper II

Section A

1. Write notes on any three of the following in about 200 words each:
 - a. Indicatrix
 - b. Monoclinic Crystal Symmetry
 - c. Hardness of minerals
 - d. Metamorphic grades
2. What is stereographic projection? Describe with example, its use to represent crystal symmetry.
3. Describe Plagioclase feldspars and their alteration products.
4. Discuss the problem of 'granites and granites'

Section B

5. Write notes on any three of the following in about 200 words each:
 - a. Gossans
 - b. Mucking
 - c. Gravity methods of ore dressing
 - d. Water table
6. Give an account of Metallogenetic Epochs.
7. Describe geological considerations in Tunnelling.
8. Give a brief account of coal deposits of India.