

IAS Mains Geology 1992

Paper I

Section A

1. Explain any three of the following in about 200 words each:
 - a. Mid-oceanic ridges
 - b. Geosynclines
 - c. Thrust faults
 - d. Erosion surfaces
2. Describe the disposition of linear structures in an area of polyphase folding.
3. Describe the landforms of coastal areas.
4. Give an account of the interior of the earth as inferred from seismic data.

Section B

5. Answer any three of the following in about 200 words each:
 - a. Iron ore Series
 - b. Sargur supracrustals
 - c. Climatic changer during Gondwana period
 - d. Forams in oil exploration
6. Draw a neat sketch of a trilobite and describe its morphology.
7. Describe the Cuddapah Super-Group covering its stratigraphy, sedimentation, igneous activity and economic importance.
8. Write notes on the following:
 - a. Bagh beds
 - b. Bundelkhand granite
 - c. Sausar Series