

M.Sc. DEGREE EXAMINATION, NOVEMBER 2016.

THIRD SEMESTER

Geology

Paper I — ECONOMIC GEOLOGY AND MINERAL ECONOMICS

Time : Three hours

Maximum : 75 marks

(No additional sheet will be supplied)

PART A — ( $5 \times 3 = 15$  marks)

Answer any FIVE questions.

Each question carries 3 marks.

Each answer should not exceed 1 page.

1. Magmatic concentration.
2. Evaporation.
3. Magnesium deposits of India.
4. Occurrence of Iron ore deposits of India.
5. Mineral wealth of Andhra Pradesh.
6. Minerals used in cement industry.
7. Marine mineral Resources.
8. National mineral policy.

PART B — ( $4 \times 15 = 60$  marks)

Answer ALL questions.

Each question carries 15 marks.

Each answer should not exceed 6 pages.

9. Explain the mode of formation of hydrothermal deposits.

Or

10. Explain the process of mechanical concentration.
11. Explain the origin, occurrence and distribution of Manganese deposits of India.

Or

12. Give a brief account on the origin, occurrence and distribution of bauxite deposits of India.

13. Describe the Metatallogenic epochs and Provinces with reference to India.

Or

14. Explain the origin, occurrence and distribution of Refractive minerals of India.

15. Explain in detail about the Classification of Mineral deposits.

Or

16. Write a note on the mineral conservation and substitution.

