

23I601

(Pages: 2)

Name:

Reg.No:

SIXTH SEMESTER INTEGRATED M.Sc. GEOLOGY DEGREE EXAMINATION, APRIL 2026

(CBCSS)

(Regular/Supplementary/Improvement)

CC20GLO6IB09 / CC23GLO6IB09 - ECONOMIC GEOLOGY

(Geology)

(2020 Admission onwards)

Time : 2.00 Hours

Maximum : 60 Marks

Credit: 3

Part A (Short answer questions)

Answer *all* questions. Each question carries 2 marks.

1. Syngenetic minerals.
2. Metallogenic epochs.
3. Limitations of Lindgren's classification.
4. Residual liquid segregation.
5. Metamorphic deposit.
6. Dolomitization.
7. Source of Iron and manganese minerals.
8. Heavy mineral sand deposits in Kerala.
9. Essential minerals.
10. Which are the important states and districts for iron production?
11. Uses dolomite.
12. Coal Seam.

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

Answer *all* questions. Each question carries 5 marks.

13. Geochemical distribution of elements.
14. Stratigraphic Control of Ore localization.
15. How the contact metasomatism different from contact metamorphism.
16. Residual bauxite deposition.

17. Oxidation and Supergene Enrichment.
18. Properties of Abrasive and Glass industry minerals.
19. Petroleum Traps.

(Ceiling: 30 Marks)

Part C (Essay questions)

Answer any ***one*** question. The question carries 10 marks.

20. Write an essay on rock openings and types of cavity filling deposits in hydrothermal process.
21. Write an essay on distributions of various gemstones in India.

(1 × 10 = 10 Marks)
