

22I601

(Pages: 2)

Name :

Reg. No :

SIXTH SEMESTER M.Sc. INTEGRATED GEOLOGY DEGREE EXAMINATION, APRIL 2025

(CBCSS)

(Regular/Supplementary/Improvement)

CC20 GLO6 IB09 - ECONOMIC GEOLOGY

(Geology)

(2020 Admission onwards)

Time: 2 Hours

Maximum: 60 Marks

Credit: 3

Part A (Short answer questions)

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

1. Chalcophile.
2. Primary minerals.
3. Metallogenic epochs in India.
4. Early Magmatic injection.
5. Fissures.
6. Solution cavity fillings.
7. Alluvial placers.
8. Protore.
9. Strategic minerals.
10. Feldspar deposits in India.
11. Limestone deposits in India.
12. Coal Seam.

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

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

13. Bateman's Classification of mineral deposits.
14. Stratigraphic Control of Ore localization.
15. Relation to intrusives, host rock and structure in contact metasomatism.
16. Cycle of Iron and Manganese.
17. Major minerals of Kerala.

18. Occurrence and distribution of Copper in India.

19. Petroliferous basins of India.

(Ceiling: 30 Marks)

Part C (Essay questions)

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

20. Write an essay on Metamorphic mineral deposits.

21. Write an note on refractory minerals and explain its occurrence and distributions in India.

(1 × 10 = 10 Marks)
