

**2020**

**GEOLOGY — HONOURS — PRACTICAL**

**Paper : CC-11P**

**(Economic Geology)**

**Full Marks : 30**

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words  
as far as practicable.*

1. Write down the diagnostic optical properties of the following ore minerals (**any three**) : 3×3  
(a) Galena (b) Chalcopyrite (c) Covellite (d) Magnetite (e) Ilmenite.
  2. Write down the diagnostic physical properties of the following economic/ore minerals (**any three**) : 3×3  
(a) Barite (b) Calcite (c) Haematite (d) Chromite (e) Graphite.
  3. Draw an outline map of India. Locate and label the following economic/ore mineral deposits on it with appropriate symbols (**any five**) : 2+(2×5)
    - (a) Two Gondwana coal deposits
    - (b) Khetri and Malanjkhand deposits
    - (c) Digboi and Ankleshwar oil fields
    - (d) Two chromite deposits
    - (e) Two gold deposits
    - (f) Two Tertiary coal deposits
    - (g) Two bauxite deposits
    - (h) Two manganese deposits.
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