

M.Sc.(Geology) (CBCS Pattern) Semester - IV  
**PSCGEOT14 - Paper-II : Indian Mineral Deposits and Mineral Economics**

P. Pages : 2

Time : Three Hours



**GUG/S/23/11386**

Max. Marks : 80

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- Notes : 1. All questions are compulsory and carry equal marks.  
2. Draw neat sketches wherever necessary.

1. Discuss in detail about minerology, mode of occurrence, origin, geological association and geographical distribution of Iron ore deposits. **16**

**OR**

Write notes on-

- a) Minerology of Copper ores
  - b) Geographical distribution of aluminium ores.
  - c) Mode of occurrence of Lead and zinc deposits.
  - d) Minerology of chromium deposits.
2. Discuss in detail about Minerology, mode of occurrence, origin and geographical distribution of Tin ore deposits. **16**

**OR**

Write notes on-

- a) Minerology of titanium ore deposits.
  - b) Origin of nickel ore deposits.
  - c) Minerology of molybdenum deposits.
  - d) Origin of tungsten deposits.
3. Discuss in detail about minerology, mode of occurrence, origin and geographical distribution of mineral deposits use in fertilizers industry. **16**

**OR**

Write notes on-

- a) Minerals used in cosmetic industry
- b) Minerals used in cement industry
- c) Minerals used as gemstones
- d) Minerals used in paints and pigments

4. Discuss in detail about significance of minerals in National economy.

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**OR**

Write notes on-

- a) Cartels
- b) Strategic minerals
- c) Substitution of minerals
- d) Critical minerals

5. Write short notes on-

16

- a) Geographical distribution of gold deposit.
- b) Origin of manganese deposits.
- c) Refractory minerals
- d) Abrasive minerals
- e) Minerals used in electrical industry.
- f) Minerals use in ceramic industry.
- g) Essential minerals
- h) Conservation of minerals.

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