

**Integ M.Sc. in App Geo Sem-6 Examination****AGL 307****Indian Mineral Deposits & Mineral Economic****April 2022****[Max. Marks : 50****Time : 2-00 Hours]****Section -I****Attempt any three questions from section -I**

- Q - 1** What is mineral exploration? Explain the different aspects of mineral exploitation. (14)
- Q - 2** (i) Discuss residual bauxite deposits. (07)  
(ii) Describe magnesite deposits of India. (07)
- Q - 3** Discuss refractory minerals in detail. (14)
- Q - 4** (i) Describe ilmenite deposits of India. (07)  
(ii) Discuss lead and zinc deposits. (07)
- Q - 5** Explain polymetallic nodules in detail. (14)
- Q - 6** (i) Write explanatory note on diamonds. (07)  
(ii) Discuss the gold deposits with reference to India. (07)
- Q - 7** Discuss minerals used in cement and fertilizer industries. (14)
- Q - 8** (i) Explain precious and semi-precious gemstones. (07)  
(ii) Discuss atomic minerals. (07)

**Section -II**

- Q - 9** **Answer any eight of the following short questions.** (08)
- (i) Define ore.
- (ii) Provide name of atomic minerals.
- (iii) Give locations of magnesite deposits in India.
- (iv) Define epigenetic deposits.
- (v) State the historical divisions of the economic geology.
- (vi) State the mineralogy of gold.
- (vii) Give uses of tin ores.
- (viii) Name the gold fields of India.
- (ix) State the uses of Ilmenite.
- (x) Give the details about the Ambaji deposits of Gujarat.
- (xi) State the hardness and specific gravity of gold.
- (xii) Provide the name of the country rock of the Kolar gold field of India.

