



**M.Sc. II Semester (CBCS) Degree Examination,
September/October - 2022**

APPLIED GEOLOGY

21APG2C8L : Applied Ore Geology

Time : 3 Hours

Maximum Marks : 70

Note : Answer **any FIVE** of the following questions with Question No. **1** is **Compulsory**, each question carries **equal** marks.

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| 1. | (a) | Explain the types of magmatic ore deposits with example. | 7 |
| | (b) | Discuss the process of supergene enrichment with neat sketch. | 7 |
| 2. | | Give a detailed account on classification of ores with examples. | 14 |
| 3. | (a) | Discuss the Fe-P in Kiruna type deposits with example. | 7 |
| | (b) | Explain the chromite deposits with example. | 7 |
| 4. | (a) | Explain the origin, occurrence and distribution of iron ores deposits in India. | 7 |
| | (b) | Discuss the ore minerals of Lead-Zinc and mention its industrial applications. | 7 |
| 5. | (a) | Add a note on abrasive minerals and its industrial uses. | 7 |
| | (b) | Explain the origin, occurrence and distribution of asbestos deposits and add a note on its uses. | 7 |
| 6. | (a) | Explain the stratiform and stratabound ore deposits. | 7 |
| | (b) | Write a note on chemical and clastic sedimentation. | 7 |
| 7. | | Give detailed account on origin and occurrence of manganese ore deposits in India. | 14 |
| 8. | | Write a note on : | |
| | (a) | Ti - V ores | 5 |
| | (b) | Building stones | 5 |
| | (c) | Metallic ores | 4 |

