

M.Sc. III Semester Degree Examination, April/May - 2024

APPLIED GEOLOGY

Indian Mineral Deposits

(NEP)

Time : 3 Hours

Maximum Marks : 70

Note : Answer any five of the following questions with question No.1 (Q1) Compulsory, each question carries equal marks.

1. Answer the following questions : **14**
 - (a) What are resources and reserves ? Discuss the mineral resources of India.
 - (b) Give a detailed account on industrial application of minerals.
2. Add a detailed note on : **14**
 - (a) Manganese ore deposits
 - (b) Lead and Zinc
3. Answer the following questions : **14**
 - (a) Discuss the origin and occurrence of minerals used in cement industry.
 - (b) Discuss the minerals used in the fertilizer industries.
4. Answer the following questions : **14**
 - (a) Discuss the origin, occurrence and geological distribution of Titanium deposits.
 - (b) What are abrasive minerals ? Discuss the industrial abrasive minerals.
5. Add a note on : **14**
 - (a) Gold deposits
 - (b) Minerals used in electrical industry
6. Answer the following questions : **14**
 - (a) Discuss the iron ore deposits of India with special reference to the Karnataka.
 - (b) Discuss the occurrence and distribution of chromium deposits in India.
7. Answer the following questions : **14**
 - (a) Explain the tin deposits in India.
 - (b) Describe the origin, occurrence and geological distribution of copper deposits.
8. Write a short note on : **14**
 - (a) Silver (Ag)
 - (b) Tungsten
 - (c) Diamond