

Sl. No.

No. of Printed Pages : 2



21APG3E1L

M.Sc. III Semester Degree Examination, April/May - 2023

APPLIED GEOLOGY

Indian Mineral Deposits

(CBCS)

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 : **14**
 - (a) Discuss in detail about the resources and reserves.
 - (b) List and describe the major mineral belts of India.

2. Answer the following : **14**
 - (a) Describe the metallic mineral resources in India.
 - (b) Discuss the geological origin and mode of occurrence of the iron ore deposits in India.

3. What are glass and ceramics minerals ? Add a note on their deposits found in India with mode of occurrence and economic significance. **14**

4. Add a note on : **14**
 - (a) Discuss the significance of mineral resources in the Indian economy with reference to the metallurgical applications.
 - (b) What are the major types of refractory minerals found in India ? Give examples of each type.

5. Answer the following : **14**
 - (a) Discuss the major minerals found in Karnataka.
 - (b) Explain the Gold deposits in India with special reference to the Karnataka state.



P.T.O.

- 6.** Answer the following : **14**
- (a) Describe the significance of the Indian diamond deposits.
 - (b) Discuss the occurrence of manganese ore in India.
- 7.** Compare and contrast the geological settings and ore deposits of the major mineral resources found in India. **14**
- 8.** Write a short note on : **14**
- (a) Fertilizer mineral resources
 - (b) Lead and Zinc deposits in India
 - (c) Gemstone industries in India

- o 0 o -

