

B.Sc. / B.A. / B.Com. (NEP) - Semester-I
SEC10 - Geology : Basic Industrial Mineralogy

P. Pages : 2

Time : Two Hours



GUG/W/24/15902H

Max. Marks : 40

- Notes : 1. All questions are compulsory.
2. All questions carry equal marks.

1. a) Describe Mohs Scale of Hardness. 8

OR

b) Botryoidal and Foliated forms of Minerals. 4

c) Luster of minerals with examples. 4

2. a) Give an brief account on Quarter Family with their application in industries. 8

OR

b) Physical Properties of Albite and orthoclase. 4

c) Physical Properties of Sillimanite and Kyanite. 4

3. a) Give an account of iron ore minerals and write their applications. 8

OR

b) Cement minerals and their applications. 4

c) Abrasive minerals. 4

4. a) Give a brief account refractory minerals industry in Bhandara district. 8

OR

b) MOIL. 4

c) Iron Ore Industry of Gadchiroli District. 4

5. Write answers in one or two sentence solve **any eight**. 8

a) Definition of Minerals.

b) Colour.

- c) Cleavage.
- d) Name any two abrasive mineral.
- e) Name any two steel industries.
- f) Hardness of Gypsum.
- g) Name any two steel ore.
- h) Name any two ceramic mineral.
- i) Magnetite.
- j) Bauxite and its user.
- k) Name any two coal mines of Maharashtra.
- l) Usage of Quartz.
