

B.Sc. (NEP) Semester-I
SEC10 - Geology - Basic Industrial Mineralogy

P. Pages : 2

Time : Two Hours



GUG/S/25/15902

Max. Marks : 40

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

1. a) Describe in details the various forms of Minerals with suitable examples. 8

OR

b) Describe Mohs Scale of Hardness. 4

c) Fracture of minerals. 4

2. a) Give an brief account on Mica Family and write their application. 8

OR

b) Physical Properties of Albite and orthoclase. 4

c) Physical Properties of Hornblende and Hypersthe. 4

3. a) Give an account of Manganese and write their industrial applications. 8

OR

b) Cement minerals and their applications. 4

c) Iron Ore and their application. 4

4. a) Give a brief account of Coal mining industry in the Vidarbha. 8

OR

b) MOIL. 4

c) Cement Industry in Vidarbha. 4

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

a) Luster.

b) Streak.

c) Cleavage.

d) Name any two Feldspar minerals.

- e) Name any two Pyroxene minerals.
- f) Hardness of Talc.
- g) Name any two iron ore.
- h) Name any two Abrasive mineral.
- i) Magnetite
- j) Name a mineral industry of Vidarbha region.
- k) Aluminum minerals.
- l) Usage of Quartz.
