

B.Sc. (NEP) Semester-I
BSCGO501 - Core - Geology - General Geology and Mineralogy

P. Pages : 2

Time : Three Hours



GUG/S/25/15919

Max. Marks : 40

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- Notes : 1. All questions are compulsory and carry equal marks.
2. Draw neat sketches wherever necessary.

1. a) Give a brief note on depositional structure formed by wind. 8

OR

b) Yardang. 4

c) Pedstal Rock 4

2. a) Give an account of Structure of Volcanoes. 8

OR

b) Sea Floor spreading. 4

c) Island-Arc. 4

3. a) Give an account of various forms of minerals. 8

OR

b) Hardness of mineral. 4

c) Fracture of mineral. 4

4. a) Give an brief account on Feldspar Family. 8

OR

b) Physical Properties of Biotite and Muscovite. 4

c) Physical properties of Quartz and Natrolite. 4

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

a) Define Mineralogy

b) Carbon-14

c) Sial

d) Seismogram

- e) Effect of Earthquake
- f) Seismic Wave
- g) Name any two type of luster
- h) Cleavage
- i) Inosilicate
- j) Alteration product of olivine
- k) Chemical composition of Corundum
