

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

P. Pages : 1

Time : Three Hours



**GUG/W/24/15919**

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 Erosional structures of formed by wind. 8  

**OR**

b) Outer Planet 4  
c) Inner Planet 4

2. a) Give an account on Continental Drift. 8  

**OR**

b) Product of Volcano 4  
c) Sea Floor Spreading 4

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

**OR**

b) Moh Scale of Hardness. 4  
c) Rock forming Minerals 4

4. a) Give an brief account on Silicate Structure. 8  

**OR**

b) Physical Properties of Forsterite and Hornblende 4  
c) Physical Properties of Leucite and Nepheline 4

5. Write answers in one or two sentence only solve **any eight**. 8  
a) Crust  
b) Mantle  
c) Define Petrology  
d) Seismograph  
e) Effect of Volcano  
f) Seismic Wave  
g) Streak  
h) Cleavage  
i) Fracture  
j) Name any two Amphibole minerals  
k) Alteration product of Feldspar  
l) Chemical composition of Quartz

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