

**2021**  
**B.A./B.Sc.**  
**Fifth Semester**  
Discipline Specific Elective – 2  
**GEOLOGY**  
*Course Code: GLD 5.21*  
(Geology of Nagaland)

*Total Mark: 70*

*Pass Mark: 28*

*Time: 3 hours*

*Answer five questions, taking one from each unit.*

**UNIT-I**

1. Explain the physiography of Nagaland 14
2. Explain the following 7×2=14
  - (i) Barail group of sediments in Nagaland
  - (ii) Stratigraphic classification of trace fossils

**UNIT-II**

3. Discuss in detail about the Naga and Disang thrusts of the Belt of Schuppen. 14
4. Write notes on 7×2=14
  - (i) Petrology of Barail group of rocks
  - (ii) Petrology of Surma group of rocks

**UNIT-III**

5. Discuss in detail about the different litho-units of Inner Palaeogene Fold Belt. 14
6. Write on the structural parameters related to Inner fold Belt. 14

**UNIT-IV**

7. What are ophiolites? Discuss its significance. 14
8. Write notes on 7×2=14
  - (i) Emplacement of ophiolite
  - (ii) Pelagic sediments

## UNIT-V

9. Discuss briefly on the coal deposits of Nagaland. 14
10. Write notes on: 7×2=14
- (i) Oil and natural gas
  - (ii) Metalliferous deposits
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