

**2023**  
**B.A./B.Sc.**  
**Fifth Semester**  
DISCIPLINE SPECIFIC ELECTIVE – 2  
**GEOLOGY**  
*Course Code: GLD 5.21*  
(Environmental Geology)

*Total Mark: 70*  
*Time: 3 hours*

*Pass Mark: 28*

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

**UNIT-I**

1. Elaborate on sustainability of resources. Also give solutions on how to utilize natural resources sustainably. 14
2. Write notes on the following: 7×2=14
  - (a) Geology a basic environmental science
  - (b) Earth as a system

**UNIT-II**

3. Explain the causes, impacts and mitigation measures of vehicular pollution. 14
4. Write notes on the following: 7×2=14
  - (a) Causes and impacts of air pollution
  - (b) Mitigation measures of water pollution

**UNIT-III**

5. What are primary and secondary hazards? Explain any one. 14
6. Mention the factors affecting slope erosion. 14

**UNIT-IV**

7. Mention the effects and causes of deforestation. 14
8. Why is soil conservation important? Mention some methods of soil conservation. 8+6=14

## UNIT-V

9. Explain the land use, forest cover and their mitigation measures of NE India. 14
10. Describe the geo-environmental problems of NE India with reference to the topographic characteristics and climate. 14
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