

**November 2025**  
**M.Sc.**  
**Third Semester**  
**DISCIPLINE SPECIFIC ELECTIVE – 02**  
**GEOLOGY**  
*Course Code: MGLD 3.21 (A)*  
(Geology of Northeast India)

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

*Pass Mark: 28*

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

**UNIT-I**

1. Explain the stratigraphic succession of Nagaland. 14
2. Write a note on each of the following: 7×2=14
  - (a) Mineral resources of Manipur
  - (b) Tectonics and structure of Nagaland

**UNIT-II**

3. Discuss the major mineral resources of Assam and give their uses. 14
4. Write a note on each of the following: 7×2=14
  - (a) Tectonic setup of Assam
  - (b) Litho-units of Assam

**UNIT-III**

5. Discuss the stratigraphic succession of Meghalaya with reference to its litho-units. 14
6. Write a note on each of the following: 7×2=14
  - (a) Coal and radioactive minerals of Meghalaya
  - (b) Lithological divisions of Meghalaya

**UNIT-IV**

7. Explain the stratigraphic succession of Arunachal Himalaya. 14

8. Write a note on each of the following: 7×2=14  
(a) Tectonic setup of Arunachal Himalaya  
(b) Litho-units of Arunachal Himalaya

**UNIT-V**

9. Explain the structure and tectonic setup of Mizoram. 14  
10. Explain the mineral resources and tectonic set up of Tripura. 14
-