

2023
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. Write down the generalized stratigraphic succession of Manipur. 14
2. Explain the generalized stratigraphic succession of Nagaland. 14

UNIT-II

3. Write notes on the following: 7×2=14
 - (a) Tectonic features of Assam
 - (b) Four major mineral resources of Assam
4. Discuss on the stratigraphic succession of Assam giving due importance to the lithounits. 14

UNIT-III

5. Give a detailed account on the mineral resources of Meghalaya. 14
6. Describe the geological history of Meghalaya. 14

UNIT-IV

7. Give a detailed account on the stratigraphic succession of lithounits of the Arunachal Himalayan belt. 14

8. Write notes on the following: 7×2=14
(a) Structure and tectonics of the Himalayan belt
(b) Geology of Southeastern Arunachal Pradesh

UNIT-V

9. Explain the stratigraphic succession of Tripura. Add a brief note on the economic importance. 14
10. Write a note on the generalized stratigraphic succession of Mizoram. Add a brief note on their economic importance. 14
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