

9. Discuss the role played by applied geomorphology in urban planning and development of India. 16



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Roll No.

31112

M.Sc. EXAMINATION, 2025

(Second Semester)

(Re-appear Only)

GEOGRAPHY

Geomorphology

(2020-21 Onwards)

Time : 3 Hours]

[Maximum Marks : 80

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting *one* question from each Section. Q. No. **1** is compulsory. All questions carry equal marks.

Compulsory Question

1. Write short notes (not more than 50 words for each) on the following :
 - (a) Morphogenetic region
 - (b) Monoclines
 - (c) Denudation
 - (d) Oxidation
 - (e) Paired terrace
 - (f) Solifluction
 - (g) Threshold
 - (h) Debris flow.

8×2=16

Section-A

2. Examine the nature and scope of geomorphology in the light of recent developments. **16**
3. Analyze the significance of frequency concept in the evaluation of process and landforms. **16**

Section-B

4. Outline the main evidences that support the Plate Tectonics Theory. What are the shortcomings of this theory ? **16**
5. What is Earthquake ? Discuss causes, types and consequences of earthquake in Circumpacific belt. **16**

Section-C

6. Define Weathering. Briefly explain the factors, processes and types of weathering. **16**
7. Illustrate and discuss various processes and landforms shaped by fluvial process. **16**

Section-D

8. Write a note on application of geomorphology in construction of large dams. **16**