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B.Sc./5th Sem/GEO/25(NEP)

2025

5th Semester Examination (CCFUP : NEP)

**GEOGRAPHY**

**Paper : MJ 10-T (Single Core Major)**

**[Applied Geography]**

Full Marks : 40

Time : Two Hours

*The figures in the margin indicate full marks.  
Candidates are required to give their answers  
in their own words as far as practicable.*

**Group - A**

Answer any *five* questions :  $2 \times 5 = 10$

1. Define Applied Geography.
2. What is watershed management?
3. State two causes of groundwater depletion in urban areas.
4. What is Environmental Impact Assessment (EIA)?
5. What is Coastal Zone Management?
6. What are river engineering interventions?
7. Define social inequality in geographical context.
8. Mention two causes of urban crime.

P.T.O.

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**Group - B**

Answer any *four* questions :  $5 \times 4 = 20$

9. Briefly describe the scope of Applied Geography in urban planning with the help of geospatial technology.
10. Explain the role of GIS in applied geographical studies.
11. Explain the impact of rapid urbanization on surface and groundwater resources.
12. Explain the need for restoration of degraded river ecosystems.
13. Discuss landslide management strategies.
14. Examine flood mitigation measures.

**Group - C**

Answer any *one* question :  $10 \times 1 = 10$

15. Examine the role of geospatial and web-based technologies in sustainable development planning.
  16. Examine the spatial dimensions of crime and suggest geographical strategies for crime prevention.
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