

2025
SRMUJ
4th Semester Examination
M.Sc.
Geography
GEO-403
Contemporary Issues in Geography

Full Marks: 40

Time: 2 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

1. Answer any four of the following questions **2×4**

- a) Define the “three pillars of sustainable development. How do they interact?
- b) Identify one major social consequence of DVC’s dam constructions in the Damodar Valley region.
- c) Mention the indicators used in the Global Hunger Index (GHI)
- d) Name one major environmental concern associated with Tehri Dam.
- e) What are the key objectives of the National River Linking Project?
- f) What do you mean by Glacial Lake Outburst Flood (GLOF)? Give one example.

Group-B

2. Answer any four of the following questions **8×4**

- a) Discuss the objectives and major components of National River-linking Projects. How is it expected to address water scarcity issues in different parts of the country? 4+4
- b) Evaluate the Sendai Framework’s achievements in reducing disaster risk globally, including its alignment with SDGs.
- c) Analyze India’s two major urban sustainability initiatives—such as the Smart Cities Mission and Swach Bharat Mission and assess their contribution to SDG 11 (Sustainable Cities and Communities).
- d) Examine the linkage between climate change and increasing hydro-meteorological extremes (floods and cyclones) in India, using recent examples.
- e) Give an account of the environmental degradation caused by the mining activities with special reference to coal mines of Jharkhand, Chhattisgarh and West Bengal
- f) Examine the challenges faced by India in achieving the SDGs in the light of the gaps in policy implementation, funding and public participation.