

ST. XAVIER'S COLLEGE, RANCHI

GEOGRAPHY

Syllabus for Entrance Test 2025

1. **Physical Geography** – interior of the earth, volcanoes and earthquakes, composition and structure of atmosphere, climate, ocean currents.
2. **Geography of India** – location, structure and physiographic divisions, drainage system, climate and vegetation, mineral and energy resources.
3. **Human Geography** - population distribution, density, growth and composition, hdi (human development index)
4. **Practical Geography** – maps, map scale, latitude, longitude and time, map projections (Conical projection, Cylindrical equal area and Mercator's projection).
5. **Remote Sensing and GIS** – remote sensing platforms, sensors and scanners, Indian space programme.
6. **Miscellaneous topics** - biodiversity and conservation, global warming, climate change, pollutions.