

S.S. X Singh  
02  
27/08/19

# UNIVERSITY DEPARTMENT OF GEOGRAPHY

## REVISED SYLLABI OF PRE-PH.D. TEST EXAM

- Unit - I** Modern Geography : Contribution of Humboldt, Ritter, Vidal de La Blache.  
Concept of region, use and classification of Models, Trends of Modern Geography in India.
- Unit - II** Isostasy and its applications, plate tectonics, earthquake causes and effects.  
Arid, karst, glacial and periglacial cycles.
- Unit - III** Classification of climate schemes of Köppen and Thornthwaite.  
Global warming, Green House Effect, Hydrological cycle, Marine farming.
- Unit - IV** Structural physiographic and Agro-Climatic Regions of India, attempts of dividing India into Natural regions.  
Special Area planning - flood prone area, drought prone area, Tribal and Hill Area.
- Unit - V** Meaning and scope of Economic Geography, Relation of Economic Geography with Resource Geography.  
Typology of Market Network in Rural Society, Market System in Urban Economy.
- Unit - VI** Meaning and scope of population geography, Development of population geography in India.  
Population composition in India, Age and Sex structure, Literacy, Urbanisation, Occupation Structure.

**Unit - VII** Special purpose regions - Rivers valley regions, Metropolitan regions, problem regions, hill and tribal regions.

Role of panchayati raj system in regional planning, Role of Panchayati Raj Institutions - Panchayat Samiti., Zila Parishad, Administrative structure - Village, Block, District

**Unit - VIII** Types of Rural Settlement, Classification of Urban Settlement - Location and Function Urban Centers.

Types of Houses in Middle Ganga, Lower Ganga plains, Morphological Zones of Urban Centers.

**Unit - IX** Meaning and Scope of Environment Geography, Concept of Ecology, Biotic Community, Food Chain.

Environmental Degradation, problems and types of pollution air and water.

**Unit - X** Meaning and scope of quantitative geography, quantitative revolution in geography, Merits and Limitations of Quantitative Techniques in Geography.

Methods of Data Collection and classification, Questionnaire and schedules, sampling, procedures and types of sampling testing the adequacy of samples.

  
30/5/19  
- Head

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