

SEMESTER V**Geog. 301 Geographic Thought Cr. Hours (03)****BS Geography 4 Years Programme, University of the Punjab, Lahore**

- **Development of Geographic Thought through the History.**
 - A general survey of the geographical work of Greeks and Romans.
 - Muslim contribution to Geographic Thought.
 - European Renaissance.
 - Geographic Thought in the Humboldt and Ritter era.
 - Ideas of Ratzel and Vidal de la Blache and their influence on European and American Geographic Thought.
- **Development of a Scientific Geography**
 - Scientific geographic approach as suggested by W.M. Davis, E.C. Semple, H.H. Barrows, and Carl O. Sauer.
 - The establishment of geographic paradigms, concepts, ideas, theories, laws, and methodology.
 - The development and use of quantitative techniques.
- **The Environmental Challenge**
 - Nature of Eco-Systems
 - The Global Environment
 - Environmental risks and uncertainties
- **Human Ecological Response**
 - The Human Population
 - Resources and Conservation
 - Our role in changing the face of the earth
 - Cultural fission: towards regional divergence
- **Regional Mosaics**
 - Cultural Fission: Toward Regional Divergence
 - World Cultural Regions: The Emerging Mosaic
 - Spatial diffusion: Toward regional convergence
- **The Area-analysis Tradition in Geography**
 - Urbanization: Origin Pattern and Factors of Urbanization
 - City Chains and hierarchies

- Territories and boundaries
- Rich countries and poor
- Inequalities within countries
- **New Directions in Geography**
 - Computers in Geography
 - a) Automated Cartography
 - b) GIS
 - c) Remote Sensing
 - d) GPS
 - Geography of Tourism and Recreation

Books Recommended:

- 1) Ahmad, K.S., (1964) "Geography through the Ages", PGR 1964
- 2) Ahmad, Nafis, (1947) Muslim Contribution to Geography, Lahore.
- 3) Brown, E.H. (1980) Geography, Yesterday and Tomorrow, Oxford University Press London.
- 4) Blif, Harm, J. ed., (1971) Geography, Regions and Concepts, John Wiley and Sons, Inc. US.A
- 5) Board, C. et. al., (ed.), (1969) Progress in Geography, Vol. 1, Edward Arnold Publishers Ltd. London.
- 6) Choreley, R. J. (1973) Directions in Geography, Methuen and Co. Ltd. London.
- 7) Dikshit R. K. (1998) Geographical Thought Prentice Hall, India.
- 8) Dickinson, R.E., and Howardth, C.J.R., (1933) The making of Geography, Clarendon Press Oxford.
- 9) Hagett, P., (1978) Geography a Modern Synthesis, Third edition. New York.
- 10) Dickinson, R.E. (1969) The Makers of Modern Geography, Frederick A. Praegar Inc. New York.
- 11) Freeman, T.W., (1961) Hundred Years of Geography, London.
- 12) Hartshorne, R., (1949) The Nature of Geography, N.T. Association of American Geographers New York.