

Generic Elective: Principles of Physical Geography**CREDIT DISTRIBUTION, ELIGIBILITY AND PRE-REQUISITES OF THE COURSE**

Course title and code	Credits	Credit distribution of course			Eligibility Criteria	Pre-requisites of course, if any
		Lecture	Tutorial	Practical		
PRINCIPLES OF PHYSICAL GEOGRAPHY	4	3	1	-	Class XII th Pass in any discipline	NIL

Learning Objectives

The learning objectives of the course are as follows:

- To explain the definition, nature and scope of Physical Geography
- To recognize the structure and processes of the earth systems
- To understand the component soft he Spheres of the Earth

Learning Out comes

The student will be able:

- To classify earth into various spheres according to physical elements
- To differentiate between lithosphere, atmosphere, hydro sphere and bio sphere and understand their inter relationship
- To appreciate the concept of biodiversity and conservation

Unit 1: Introducing Physical Geography – Definition, nature and scope;
c o n t e m p o r a r y r e l e v a n c e

Unit 2: Lithosphere – Interior structure of the earth; endogenetic and exogenetic forces; plate tectonics.

Unit 3: Atmosphere – Structure and composition; elements of climate (temperature, pressure, precipitation); general circulations.

Unit 4: Hydrosphere – Hydrological cycle; ocean currents and tides.

Unit 5: Biosphere – Soil types, Major biomes of the world; Biodiversity – significance and conservation.

10. Thornbury, W.D (1954) Principles of Geomorphology (3rd Edition), New Age International

Generic Elective: Principles of Human Geography

CREDIT DISTRIBUTION, ELIGIBILITY AND PRE-REQUISITES OF THE COURSE

Course title and code	Credits	Credit distribution of course			Eligibility Criteria	Pre-requisites of course, if any
		Lecture	Tutorial	Practical		
PRINCIPLES OF HUMAN GEOGRAPHY	4	3	1	-	Class 12 th Pass in any discipline	NIL

Learning Objectives

The learning objectives of the course are as follows

- To explain the definition, nature and scope and contemporary relevance of subject
- To analyse the diversity, trends and patterns of world population

- To understand the settlement types, economic activities and cultural realms

Learning Outcomes

The student will be able:

- To understand the elements of human and cultural land scape
- To analyse to hierarchy of settlements and concepts of urban and rural spaces
- To have knowledge of cultural realms and economic activities

Unit1: Introducing Human Geography – Definition, nature and scope, contemporary relevance.

Unit 2: Population Geography – World population growth – trends and patterns; theory of demographic transition; Human Development

Unit 3: Settlement Geography–Types and patterns of rural settlements, Hierarchy of urban settlements; Central Place Theory.

Unit 4: Economic Geography – Classification of Economic activities, Concept and classification of resources, Von Thunen and Weber's Theories

Unit 5: Cultural Geography – Cultural realms-race and ethnicity; language and religion.

Selected References

1. Chandna, R.C.(2017) Geography of Population, Kalyani Publishers, Ludhiana, India.
2. Hassan MI (2020) Population Geography, A Systematic Exposition. RoutledgeTaylor and Francis Group, New York.
3. Hussain Majid (2021) Human Geography, Rawat Publication.
4. Majid, Hussain (2012) *Manav Bhugol*, Rawat Publication.
5. Maurya, S.D.(2012).*Manav Bhugol*. Allahabad, India: Sharda Pustak Bhawan.
6. Rubenstein, J.M.(2008) An Introduction to Human Geography: The Cultural Landscape, Pearson Prentice Hall, NJ.
7. Saroha,J.(2021) *Jansankhya Bhugol,Jananki kievam Jansankhya Adhayan*, M.K. Books, New Delhi.
8. Singh, SandSaroha, J(2021) Human and Economic Geography, Pearson Publication, Noida

9. Singh, Sand Saroha, J (2021) Urban Geography, Pearson Publication, Noida.