

SEMESTER-II (Pool-A)

Course Title: Environmental Studies (A) (CHOI-A33)

Number of Credit: - 02

Maximum marks: 50

UNIT – I

Concept of environment, Nature and scope of the Environmental Studies, Approaches to Environmental studies, Concept of Ecology

UNIT – II

Eco-system: definition, Structure and function, Major Types; Forest, Grassland, Desert, Aquatic, Components of environment,

UNIT – III

Biodiversity, Energy flow in Eco-System, Productivity in eco-system, Ecological Pyramids.

UNIT – IV

Food Chain, Food Web, Man-environment relationships.

UNIT – V

Degradation and conservation of Environment, Development vis-a-vis ecological crisis. Human impact on natural environment.

Books Recommended :

1. Batel, B. (Ed.) – Management of Environment, Wiby Eastern Ltd., New Delhi, 1980.
2. DeshBandhu (Ed.) – Environmental Management, Indian Environment Society, New Delhi.
3. Singh & Singh (Ed.) – Geography of Environment Concept, New Delhi.
4. Saxena, H.M. – Environmental Geography, Rawat Pub., Jaipur, 2019.
5. Savinder Singh – Geography of Environment, Allahabad.
6. Murdock, W. (Ed.)- Environment Resources, Pollution and Society, Sin over Association Inc.
7. Gupta & Gurjar - Sustainable Development, Rawat Pub., Jaipur.
8. Strahler, A.N. – Geography and Man's Environment, John, Willey.
9. Khan, M.Z.A. & S.K. Agarwal – Environmental Geography, APH Publishing House, New Delhi, 2004.
10. Centre for Science : The State of Indian Environment : A Citizen's Report 1982, Environment 1985, New Delhi.
11. सविन्द्र सिंह – पर्यावरणभूगोल, इलाहाबाद ।
12. वी.के. श्रीवास्तव : पर्यावरणीय, भूगोल एवं पारिस्थितिकी विकास, वसुन्धरा, गोरखपुर ।
13. एच.एम. सक्सैना – पर्यावरण एवं पारिस्थितिकी भूगोल, राज. हिन्दीग्रन्थअकादमी, जयपुर ।
14. सक्सैना – पर्यावरणभूगोल, रावतपब्लिकेशन, जयपुर ।