

**UP117 ENVIRONMENTAL PLANNING &****Credits 3 (L=1, S=0, W=4 )****IMPACT ASSESSMENT)****INTERNAL ASSESSMENT (TERM WORK)****50 MARKS****UNIVERSITY EXAMINATION****50 MARKS****ENVIRONMENTAL PLANNING & RESOURCES:**

- Elements and components of environment; concepts of environmental planning; history of environmental planning; environment & settlements; human response towards environmental challenges; development of habitat patterns, environmental factors governing settlement structure & form.
- Exploitation of natural resources as causative factor for environmental degradation; impact of human activities, urbanization and industrialization on environmental resources.
- National and International interventions (conventions / conferences / treaties / strategies) and implications on human settlements. Ramsar Convention; Montreal Protocol; Vienna Convention, UNCED Conference, Stockholm Conference, Alma Atta Convention, etc.
- Environmental Zones: hills and arid, coastal and flood prone areas.

**ENVIRONMENTAL IMPACT ASSESSMENT:**

- Definition and need; significance in various sectors; objectives and scale; NEPA evaluation of DIA; nature of impact.
- Methodologies; checklist, matrices, networks, overlays, cost-benefit analysis, etc. advantages and disadvantages.
- Role of EIA in the planning decision making and process-planning level
- Assessment of environmental impact of plan methods, techniques of assessment; environmental impact of different patterns of land use development.
- Environmental impact assessment of industrial townships.

**REFERENCES :**

<b>Sr.No.</b>	<b>Title</b>	<b>Author</b>
01.	Resource Management	Abha Lakshmi Singh
02	Decision Support System in Urban Planning	Harry Timmermans
03.	Local Planning	Sebastian Loew
04	Urban Run off Quality Impact and Enhancement Technology	Ben Urbanas Lorry A. Roeshar
05.	The Impact of Environmental Assessment	World Bank Technical Paper No.363
06.	Internet Investigations in Environmental Technology	Cynthia B. Lesnin
07.	Guide to Site and Environmental Planning	Rubenstein M. Harvey