

ELECTIVE VI (EC): DISASTER MANAGEMENT

UNIT 1:

Natural Disaster – Nature and Extent and Educative – Cyclone – Tornadoes – Avalanches – Flood – Drought – Volcanic – Earthquakes – Fire – Landslides. Forecasting and Warning System :Cyclone Disaster Education- Cyclone Safety – Earthquake – Avalanche – Safety and Flood Safety – Impact on Environment.

UNIT 2:

Disaster Management. Predisaster Planning-Toning of Disaster – prone areas – prioritization – regulations – protection measures during disaster - Post disaster. Relief Camp Organization – Survey and Assessment.

UNIT 3:

Disaster Management Cycle – Vulnerability Analysis – Warning system – Disaster Training – Legal Aspects – case studies for disasters and management.

UNIT 4:

Safety Measures – a general account, Disaster Management plans.

UNIT 5:

Disaster Preparedness and Training. Community Preparedness in Natural Disaster. Role of Voluntary Organization (NGO) and Army Training for Disaster Reduction – Mitigation Strategies. Training needs – Target Groups – Local Condition.

REFERENCE:

1. Natural Disasters – A Guide for Relief Workers, (1980)JAC Adhyatma Sadhna Kendra-Mehrauli, New Delhi.
2. Disaster Planning : The Preservation of Life and Property, Harold D. Foster (1980) Springer Verlag, New York.
3. Disaster Management, Shailendra K Singh, Subash C.Kundu and Shobu Singh (1998) Mittal Publications, New Delhi.
4. India Disasters Report: Towards a Policy Initiative, Parasuram, S and Unnikrishnan,P.V (2000) Oxford University Press.
5. Disaster Management, Indu Prakash (1994) Rashtra Prahari Prakasan, Gaziabad.
6. At Risk : Earthquakes and People's Vulnerability, Sharma, S. Energy and Environment Group, New Delhi.
7. Natural Disaster Reduction, Girish K Misra and Mathur, G.C (1993) , Reliance Publishing House, New Delhi.
8. Disaster Preparedness in India, Narendra Kumar Jain, Adhyatma Sadhna Kendra – Mehrauli, New Delhi.