

**Unit 1**

Hazard, Risk, Vulnerability, Disaster; Disaster Management, Meaning, Nature Importance, Dimensions & Scope of Disaster Management, Disaster Management Cycle.

**Unit 2**

National disaster management framework; financial arrangements for Disaster management, International Strategy for Disaster reduction

**Unit 3**

Natural Disasters- Meaning and nature of natural disasters, their types and effects, Hydrological Disasters - Flood, Flash flood, Drought, cloud burst

**Unit 4**

Geological Disasters- Earthquakes, Landslides, Avalanches, Volcanic eruptions, Mudflow; Wind related- Cyclone, Storm, Storm surge, tidal waves; Heat and cold Waves, Climatic Change, Global warming, Sea Level rise, Ozone Depletion, Explosion

**Unit – 5**

Man-made Disaster: CBRN – Chemical disasters, biological disasters, radiological disasters, nuclear disasters; Fire – building fire, coal fire, forest fire, Oil fire; Accidents- road accidents, rail accidents, air accidents, sea accidents, Pollution and deforestation- air pollution, water pollution, deforestation, Industrial wastewater pollution, deforestation, Bomb threat; terrorist incidence.

**Suggested readings:**

- Disaster Administration and Management, Text & Case studies- SL Goel-Deep and Deep Publications
- Disaster Management- G.K Ghosh-A.P.H. Publishing Corporation
- Disaster management – S.K.Singh, S.C. Kundu, Shobha Singh A – 119, William Publications, New Delhi.
- Disaster Management – Vinod K Sharma- IIPA, New Delhi,1995
- Encyclopedia of Disaster Management- Goel S.L. - Deep and Deep Publications, New Delhi, 2006.