CHAPTER 10

DISASTER MANAGEMENT



LECTURE 01

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TOPICS :-

- Disaster
- Types of disaster
- Effect of disaster
- Impact of disaster
- Disaster management
- Nature and extent of disaster
- Emergency actions
- Mock drill









DISASTERS

DEFINITION – The sudden event that leads to the huge loss of life and property.

CATASTROPIC DISASTERS :-

- Total chaos.
- Huge loss of life and property.
- But, life returns to normal state within short time.







LONG DURATION DISASTERS :

After effects are either severe or severity increases with time.







TYPES OF DISASTERS :-

1) Geophysical –

a) Geological : earthquake, tsunami, volcano, land slides, landfall, erosion, alkalisation, flooding, etc.

b) Atmospheric : hot and cold waves, snow-storms, snow fall, cyclones, hail storm, drought, flood, meteorite, sun spots, etc.









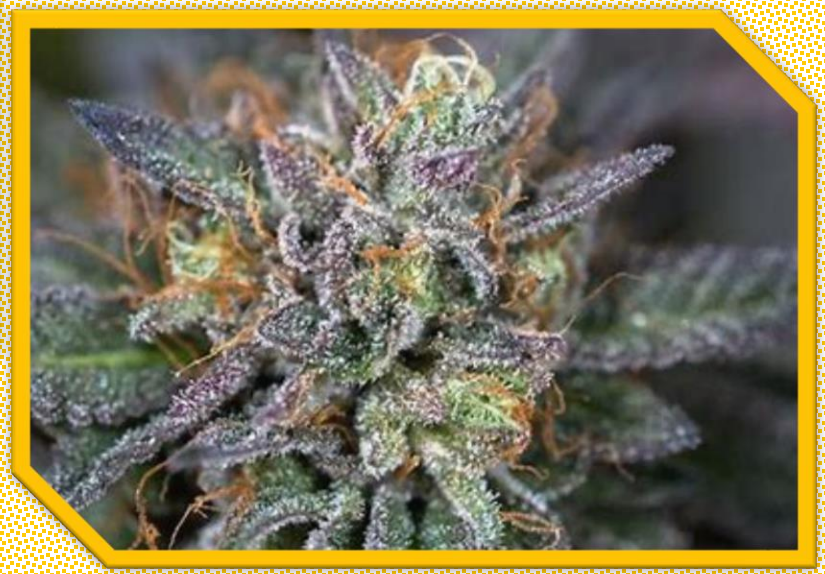
2)BIOLOGICAL –

a)Plant : forest fire, fungal disease, weed.

b)Animal : infectious viruses, bacteria, insects, bite of poisonous animals, etc.







3)MAN MADE -

a)Unknown : poisonous gases, atomic test, unplanted action accident.

a)International : war, fire, bomb blast, forced migration, terrorism, rapes, child labour.









EFFECTS OF DISASTER :-

A. FLOODS : collapsing of bridges, shortage of food, etc.

B. EARTHQUAKES : collapsing of houses, development of cracks in land







- Disaster affects the economy of the nation.



- If local leadership not strong enough – citizens become confused.



- Administrative problems.



- Entire system collapses.