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Date : 23/12/24

Subject : Geography

Class : VIII

Chapter 5 (continue)

Manmade disaster

- It is a kind of disaster resulting from human intent, negligence or error.  
eg: Nuclear Disaster, chemical disaster, Terrorism, Aircraft crash.

Chernobyl Disaster

- It took place on 29<sup>th</sup> April 1986.
- A major nuclear accident took place in nuclear power station located in Chernobyl in Ukraine.
- It happened due to meltdown in reactor.
- meltdown took place due to failure of cooling system.
- This resulted in release of massive amount of radioactivity in atmosphere.
- Still till date the radiation effects are there in nearby areas.

Bhopal Gas Tragedy (BGT)

- It occurred on the night of 2<sup>nd</sup> and 3<sup>rd</sup> December 1984 at Union Carbide India Limited.
- Methyl Isocyanate gas was leaked and almost 50,000 people were exposed to this gas.

effects of BGT

- coughing, vomiting, severe eye irritation and feeling of suffocation.
- large amount of deaths.
- many organ failure in humans.
- cerebral oedema and tubular necrosis.
- prenatal death have increased a lot.