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# Disaster management

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Grade 10

Please note:

The slide where \* asterisk symbol is seen are important.

There are questions at the end of the chapter. Solve them.

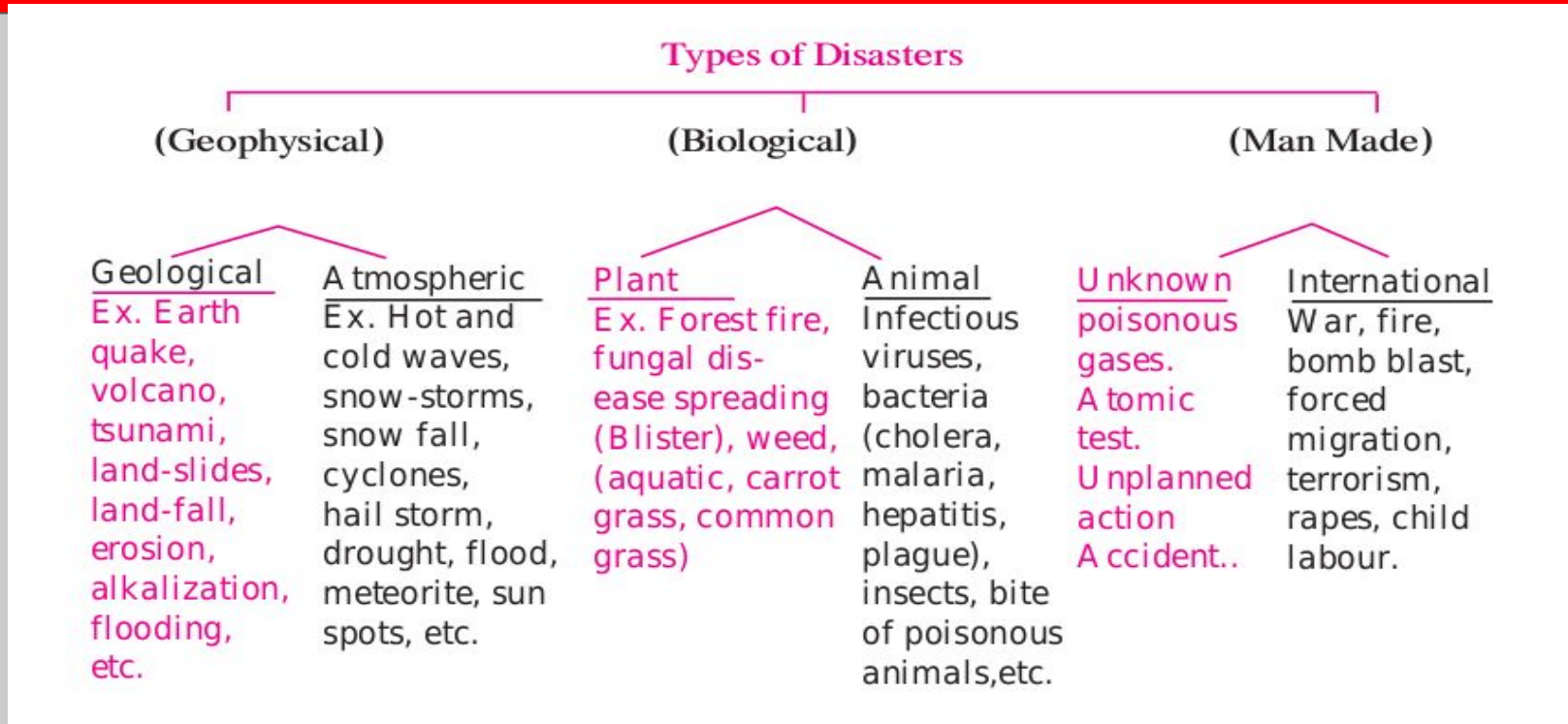
# What is a disaster?

The **sudden** event that leads to the **huge** loss of life and property is called as disaster.

Can be classified in to natural and manmade



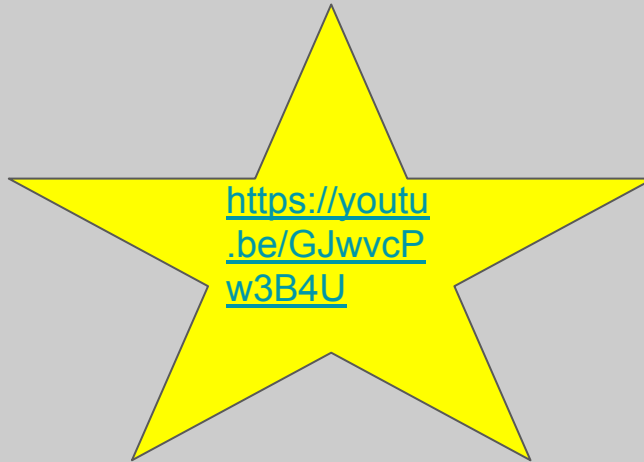
# \*\*Types of disasters: Based on criteria



Mnemonic for remembering: Gandhi and Panditji arrived, understood India

# Nature and scope of disasters

Let's watch this video



# \*\*Objectives of disaster management:



Disaster management is either prevention of disasters or making arrangements to face it or at least achieve the abilities to face it.

- **Saving of human life** during the calamity and release of the people.
- **Supply of essential commodities** of the people to reduce the effect of disaster.
- **Restore the human life** in the region by creating reconciliation in disaster.
- **Considering protective measure** in disaster, such disaster will not reach **in future** and also to **take care to reduce their intensity**.

Mnemonic for the objective: **SSRC**-saving human life, supply essentials, restore human life, consider the protective measure

# \*\*National disaster management act 2005



Establishment of National Disaster

**Response Force Divisions** of this force are working **in army**.

Overall, **12 divisions** are working in the country.

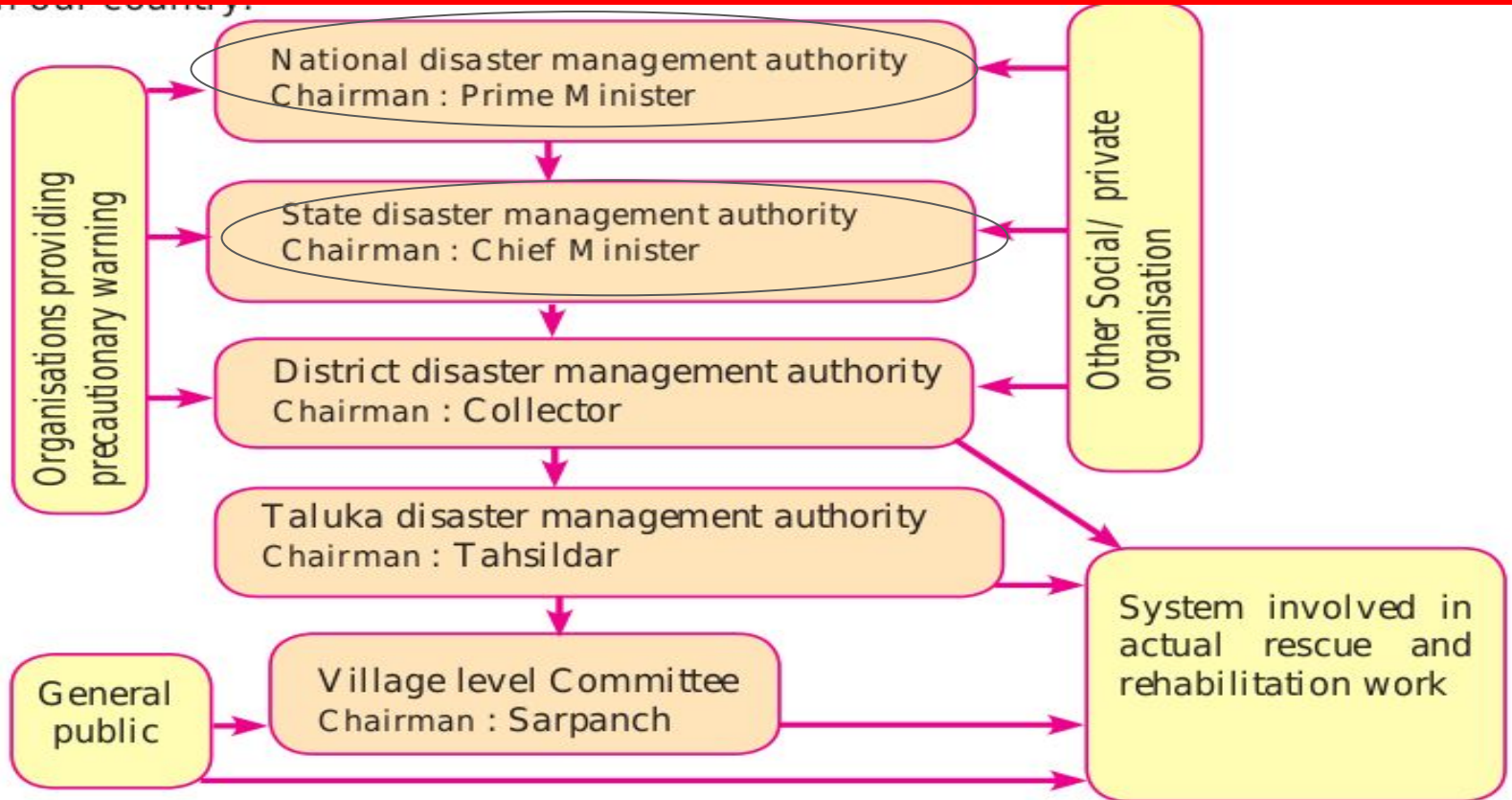
Its **headquarter is in Delhi** and it is in action all over the country with the help of army.

**In Maharashtra**, National Disaster Response Force is in action through **State**

**Reserve Police Force**.

Personnel of this force have **substantial contribution in rescue work** in disasters

# Structure of Disaster Management Authority





District collector is responsible for disaster management and implementation of rehabilitation schemes.

Collector is **planning, coordinating and controlling the implementation of rehabilitation programme**, gives out necessary instructions and reviews the entire system.

District collector is also responsible for **designing the schemes for each district**, separately for each type of disaster and getting those sanctioned from state-level authorities

# District wise district collector



District control unit is **established immediately either after the impact of disaster or getting intimation about it.**

It **reviews about various aspects of disaster, keeps continuous contact with various agencies** like army, air force, navy, telecommunication department, paramilitary forces, etc. for getting help.

It is also **responsible for coordinating with various voluntary organizations** for their help in disaster management.

# \*Pre and post disaster management

<b>Pre-disaster management</b>	<b>Post disaster management</b>
<b>Identifying</b> the pro-disaster areas	<b>Providing</b> all types of necessary <b>help</b> to victims of disasters.
<b>Collecting the information about intensity</b> of disaster and probable sites of disasters	Participation of preferably local peoples saved from the disaster in <b>arranging the help to victims</b>
<b>Getting special training</b> for disaster management.	<b>Quick establishment of help centre.</b>
<b>Increasing awareness</b> about disaster management	<b>Categorization of the help material</b> received from control centre, <b>delivering the material</b> to victims and continuous review of the help.

# Properties of Predisaster Management

**Properties of Predisaster  
management**

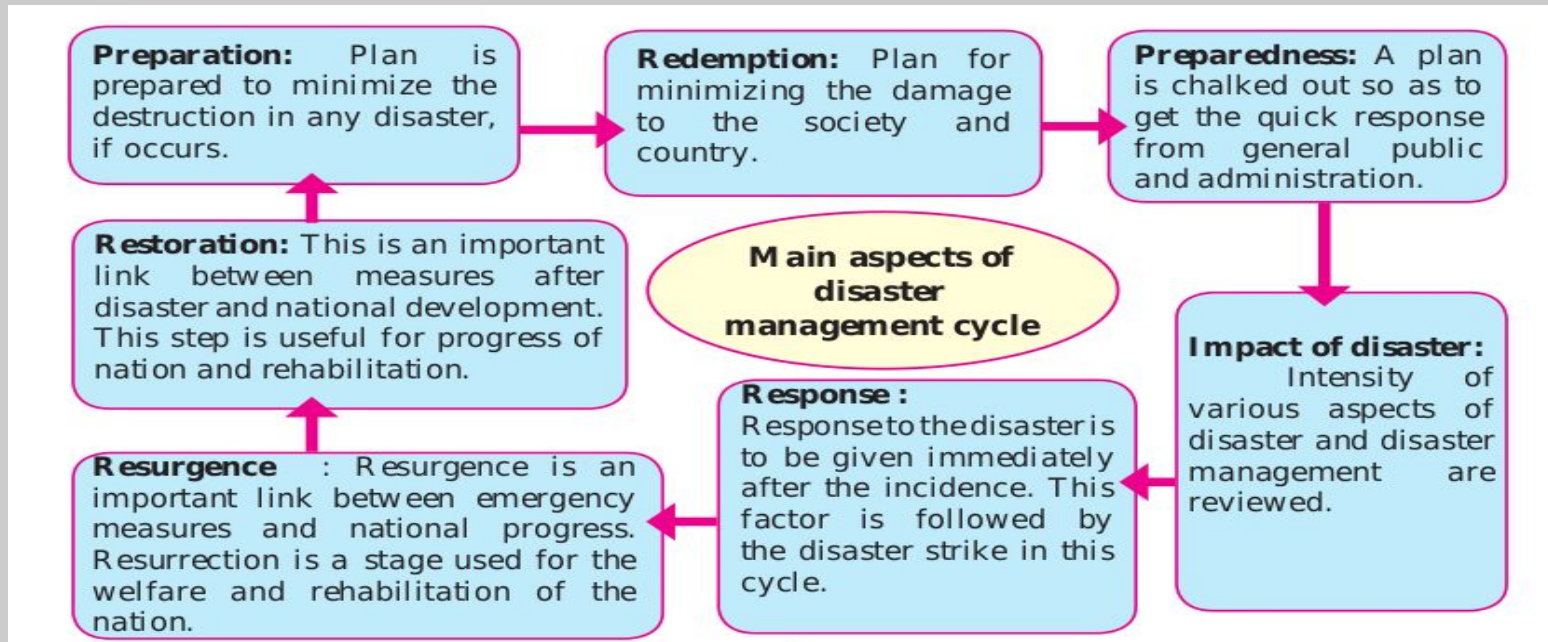
Identification of disaster-prone areas

Collecting information of probable sites of disasters through hazard maps.

Special training for disaster management

Increasing awareness in public about the disaster management

**PRP I RRR** aspect of disaster management cycle -stands for Preparation, Redemption, Preparedness, Impact of disaster , Response, Resurgence and Restoration



# Some quick links



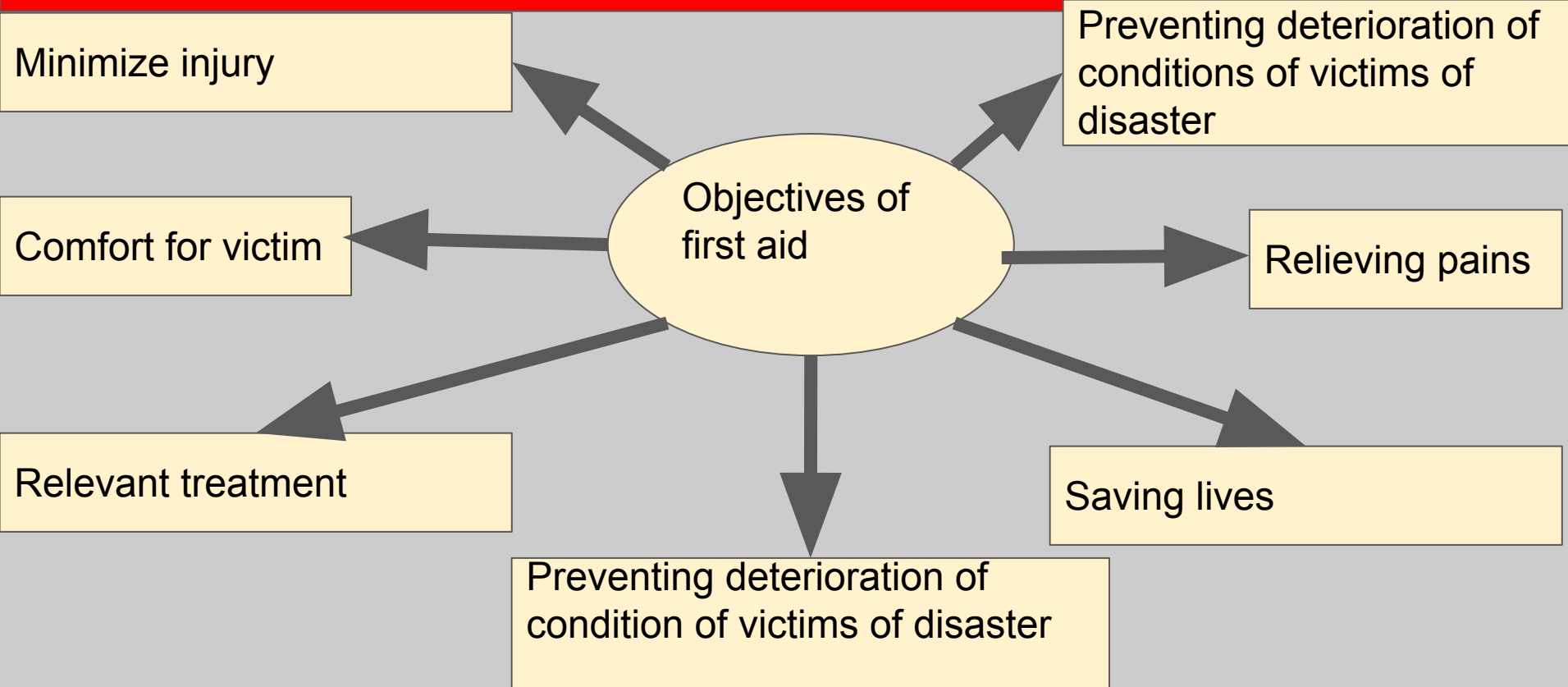
<https://ehs.princeton.edu/news/know-your-hazard-symbols-pictograms>

<https://www.youtube.com/watch?v=ZecP0--RY9I> (hazard symbols and their explanation)\*\*\*

[https://docs.google.com/document/d/1zIGpOJ-gBV8xRQlo3wAxjlc0luF1HaK26Sjqqt\\_eVics/edit?usp=sharing](https://docs.google.com/document/d/1zIGpOJ-gBV8xRQlo3wAxjlc0luF1HaK26Sjqqt_eVics/edit?usp=sharing) (disasters, effect, symptoms, remedy quick table)\*\*

<https://youtu.be/U0yDJ0udMkg> (Different method for transportation of patients during emergency) \*\*\*

# Objectives of first aid



# Necessary material in the first aid box

## The necessary material in first aid box

1. Bandage strips of different size
2. Wound gauze.
3. Triangular and circular bandage.
4. Medicated cotton
5. Hand gloves
6. Clean and dry cloth pieces.
7. Soap
8. Antiseptic (Dettol/ Savlon)
9. Safety pins
10. Blade
11. Small pins
12. Needle
13. Band aid
14. Torch
15. Scissor
16. Thermometer
17. Petroleum jelly



# Mock drill



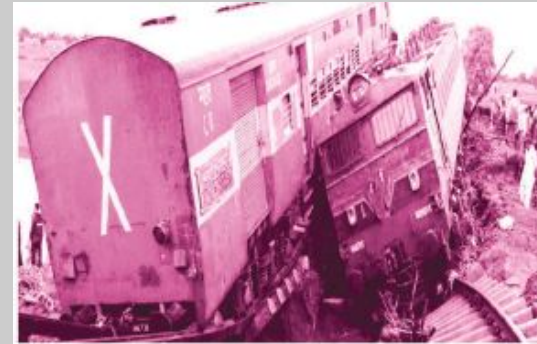
- A practice to check the preparedness of facing the disaster as early as possible
- Virtual / Apparent situation of disaster is created to check the reaction time for any type of disaster

# Objectives of mock drill

- Evaluating the response to the disaster
- Improving the coordination between various departments of disaster control
- Identification of own abilities
- Improving the ability of quick response to disaster.
- Checking the competency of the planned actions
- Identifying the possible errors and risks.

## Few important questions

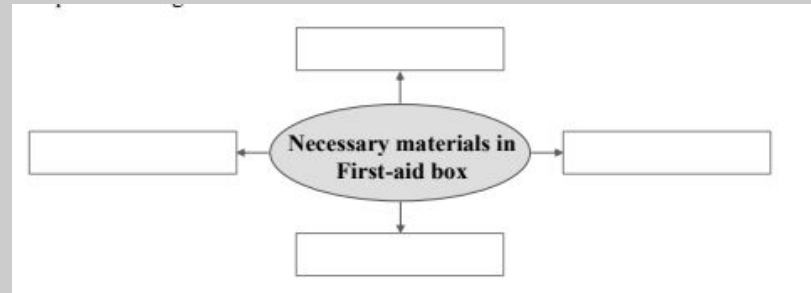
1. Explain the role of district disaster control unit after occurrence of any disaster.
2. Different methods are used for transportation of patients? Why?
3. Write a note on disaster management act 2005.
4. What is disaster management?
5. What are the objectives of disaster management?
6. By observing the picture write any two effects of disaster.



6. Classify the following into pre disaster and post disaster activities:

- a. Identify the pro-disaster zones
- b. Quick establishment of help centres
- c. Getting special training for disaster management
- d. Participation of preferably local peoples saved from the disaster in arranging the help to victims.

7. Complete the following table:



8. The building in which you are residing has caught fire on the ground floor. What necessary rescue steps will you take?

<https://forms.gle/Rqw7hCMftJx9BtP67>