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STUDY NOTES

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CLASS- VII (All Section)

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SCIENCE

LESSON-07

CHAPTER: 8 Winds, Storms and Cyclones

Today's Topic: Cyclone warning

Cyclone warning:

With satellites in orbit, it is now possible to track a developing cyclone round the clock and study its movement before it strikes the coast. It is also possible to issue advance warning to people in the coastal areas where the cyclone is likely to hit so that they can be evacuated well in advance. In India, a satellite-based disaster warning system has been established with over 250 disaster warning receivers installed in the cyclone-prone east and west coasts of the country.

It makes use of the Indian National Satellite System (INSAT) for keeping track of developing cyclones and issue warnings to the vulnerable population. Cyclone shelters have also been constructed in vulnerable areas for accommodating people from nearby areas. Several thousands of lives have been saved by the INSAT disaster warning system because of timely evacuation.

Pointers during a cyclone or storm:

- * Keep your radio or TV on and listen to the latest weather warnings.
- * Avoid being misled by rumours and only pass official information that you receive from the radio or TV on to others.
- * Stay in a safe place and do not go out.
- * Get away from low-lying beaches or other locations that may be swept away by high tides or storm waves.
- * Avoid going into the sea during a cyclone.
- * Be alert since streams or rivers may flood due to heavy rains.
- * Store extra food, especially those items that don't require cooking or require little preparation.
- * Store extra drinking water in suitably covered vessels.
- * When the authorities advise to evacuate, follow the instruction promptly, and ahead to proper shelter or evacuation points indicated for your area and remain there till further notice.
- * Keep calm at all times.

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