

**SESSION NO.: 3**

**CLASS: 5**

**SUBJECT: SCIENCE**

**CHAPTER NUMBER: 14**

**CHAPTER NAME: NATURAL DISASTERS**

**SUB TOPIC: TIDAL WAVES**

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**CHANGING YOUR TOMORROW**

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# TIDAL WAVES

- Tidal or storm waves are also known as tsunamis (pronounced su-nami).
- A tsunami is caused by an undersea earthquake or by a severe hurricane or cyclone.



# TIDAL WAVES

- **Storm waves from the sea come rolling towards the shore. They cause destruction on the seashore within seconds.**
- **Tidal waves as high as 15 meters have been recorded. If there is already a high tide then storm waves hit the land.**
- **They can cause severe damage. These giant waves travel at a speed of 800 km/h.**
- **This results in destruction of life and property in the area.**



# TIDAL WAVES

- On 26 December 2004, an earthquake measuring 9.0 on the Richter Scale hit off the coast of Indonesia.
- It triggered a massive tsunami that resulted in widespread death and destruction across South Asia.



# SUMMARY

- **Tidal or storm waves are also known as tsunamis (pronounced su-nami).**
- **A tsunami is caused by an undersea earthquake or by a severe hurricane or cyclone.**
- **Tidal waves as high as 15 meters have been recorded. If there is already a high tide then storm waves hit the land.**
- **They can cause severe damage. These giant waves travel at a speed of 800 km/h.**



READY FOR A  
**QUIZ?**

**Q1.** Tidal or storm waves are also known as \_\_\_\_\_.

**Ans: Tsunami**

**Q2. A tsunami is caused by an undersea earthquake or by a severe \_\_\_\_\_ or \_\_\_\_\_.**

**Ans: hurricane or cyclone.**



# HOMEWORK

- Do the Oral Q&A of page no. 129.

# LEARNING OUTCOME

**The learner will be able to:**

- **know how tidal waves occurs and what are its causes.**

**THANKING YOU**  
**ODM EDUCATIONAL GROUP**