

3° ANO
E.M

SEMANA 29

1. Read the definitions below. Then classify the following events as most likely to be natural hazards (NH) or man-made hazards (MH).

Natural hazards: naturally occurring phenomena that may pose a threat to humans. They can be geophysical, hydrological, climatological, or biological.

Man-made hazards: threatening events that are caused by humans. They can be categorized into technological hazards, sociological hazards, or transportation hazards.

IFRC. *Types of disasters: definition of hazard.* Available at: <<https://www.ifrc.org/en/what-we-do/disaster-management/about-disasters/definition-of-hazard/>>. Accessed on: 25 Aug. 2015.

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NASA/NOAA GOES Project

hurricanes

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shipwrecks

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epidemics

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airplane crashes

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tsunamis

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fires

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earthquakes

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nuclear explosions

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tornadoes

2. When natural and man-made hazards cause destruction and loss of lives and property, they are called disasters. That said, read the following excerpts and determine the type of disasters they are about.

a)

[...]

The earthquake that generated the great Indian Ocean tsunami of 2004 is estimated to have released the energy of 23,000 Hiroshima-type atomic bombs, according to the U.S. Geological Survey (USGS).

Giant forces that had been building up deep in the Earth for hundreds of years were released suddenly on December 26, shaking the ground violently and unleashing a series of killer waves that sped across the Indian Ocean at the speed of a jet airliner.

By the end of the day more than 150,000 people were dead or missing and millions more were homeless in 11 countries, making it perhaps the most destructive tsunami in history.

[...]

THE DEADLIEST tsunami in history? *National Geographic*. Available at: <http://news.nationalgeographic.com/news/2004/12/1227_041226_tsunami.html>. Accessed on: 19 July 2015.



b)

[...]

RMS Titanic was an Olympic-class passenger liner owned by the White Star Line and built at the Harland and Wolff shipyard in Belfast, Ireland. On the night of 14 April 1912, during her maiden voyage, Titanic struck an iceberg, and sank two hours and forty minutes later, early on 15 April 1912. At the time of her launching in 1912, she was the largest passenger steamship in the world. The sinking resulted in the deaths of 1,517 people, ranking it as one of the worst peacetime maritime disasters in history and by far the most infamous. The Titanic used some of the most advanced technology available at the time and was popularly believed to be “unsinkable” – indeed, in a 1910 White Star Line brochure advertising the Titanic; it was claimed that she was “designed to be unsinkable”. It was a great shock to many that despite the advanced technology and experienced crew; the Titanic still sank with a great loss of life. The media frenzy about Titanic’s famous victims, the legends about what happened on board the ship, the resulting changes to maritime law, and the discovery of the wreck in 1985 by a team led by Robert Ballard have made Titanic persistently famous in the years since.

[...]

RMS stands for *Royal Mail Steamer*. In the Titanic era only the certified ships would carry the mail and have those initials.

TOP 10 catastrophic shipwrecks. *Listverse*. Available at: <<http://listverse.com/2008/07/26/top-10-catastrophic-shipwrecks/>>. Accessed on: 26 July 2015.

- c) The Ebola outbreak in West Africa was first reported in March 2014, and has rapidly become the deadliest occurrence of the disease since its discovery in 1976.
- In fact, the current epidemic sweeping across the region has now killed five times more than all other known Ebola outbreaks combined.
- More than 16 months on from the first confirmed case recorded on 23 March 2014, at least 11,284 people have been reported as having died from the disease in six countries; Liberia, Guinea, Sierra Leone, Nigeria, the US and Mali. The total number of reported cases is more than 27,741.
- [...]
- The **World Health Organization** (WHO) admits the figures are underestimates, given the difficulty collecting the data.
- [...]

EBOLA: Mapping the outbreak. *BBC News*. Available at: <<http://www.bbc.com/news/world-africa-28755033>>. Accessed on: 26 July 2015.

[REDACTED]

3. Read the excerpts again and mark the following statements true (T) or false (F). Correct the wrong ones.

- a) The waves in the 2004 tsunami moved rather slowly. ()
- [REDACTED]

- b) The Titanic wreck was located many years after it sank. ()

b) The Titanic wreck was located many years after it sank. ()

c) Ebola was discovered in 2014. ()

d) The World Health Organization (WHO) believes the figures about Ebola are higher than reality. ()
