Activity

Tropical cyclones quiz

This quiz is designed for students to test their knowledge. Answers are available to download as a separate document from GeographyReviewExtras

1  What sea temperature is needed for tropical cyclones to form? (1 mark)
   A  20.5°C
   B  26.5°C
   C  23.5°C
   D  27.5°C

2  Most tropical cyclones form between which latitudes? (1 mark)
   A  From the equator to 10°N and S
   B  From 5° to 10°N and S
   C  From the equator to 20°N and S
   D  From 10° to 15°N and S

3  Which was the most costly tropical cyclone of all time, in economic terms? (1 mark)
   A  2013 Typhoon Haiyan, Philippines
   B  1979 Typhoon Tip in the Pacific
   C  2005 Hurricane Katrina in the USA
   D  1970 Cyclone Bhola in Bangladesh

4  Where do hurricanes that affect the Caribbean and the coast of the USA mostly originate? (1 mark)
   A  In the Caribbean
   B  In the mid Atlantic
   C  Close to Canada
   D  Off west Africa
5  Which scale is commonly used to measure hurricane intensity? (1 mark)
A  The Mercalli scale 
B  The Saffir-Simpson scale 
C  The Fujita scale 
D  The Beaufort scale 

6  Hurricanes in the North Atlantic are named using which of the following? (1 mark)
A  Male names 
B  Female names 
C  Neither 
D  Both 

7  The image below shows Typhoon Tembin in 2012, heading north and doing a loop. Where does Tembin make its final landfall? (1 mark)

A  South Korea  
B  China  
C  Japan  
D  Taiwan  


8 Which country on Earth gets the most tropical cyclones in an average year? (1 mark)
A USA  
B Haiti  
C Bangladesh  
D Philippines

9 What causes the ‘storm surge’ that often accompanies a cyclone making landfall? (1 mark)
A Global warming  
B Low air pressure  
C Intense rainfall  
D Winds pushing waves onshore

10 What does the number 408 represent? (1 mark)
A The average number of tropical cyclones worldwide each year  
B The average death toll from cyclones  
C The highest wind speed ever recorded in a cyclone in km h\(^{-1}\)  
D The damage from cyclones in 2013 in $billions.

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