

## Tropical Weather Quiz

### Question 1

The Inter-Tropical Convergence Zone exists because of the convergence of...

- (a) fronts
- (b) the trade winds
- (c) downslope winds
- (d) hurricane winds

### Question 2

Each square mile in the \_\_\_\_\_ regions receives more energy from the sun than in the \_\_\_\_\_ regions.

- (a) polar / tropical
- (b) tropical / polar

### Question 3

For people living near the equator, the rainy season typically occurs:

- (a) three times
- (b) year round
- (c) once
- (d) twice

### Question 4

Strong tropical cyclones in the western North Pacific Ocean are called

- (a) tropical storms
- (b) hurricanes
- (c) cyclones
- (d) typhoons

### Question 5

El Nino is characterized by

- (a) Large scale, low atmospheric sea level pressures near the equator and warming of sea surface temperatures in the Eastern Tropical Pacific.
- (b) Global cooling of the ocean surface and strengthening of trade winds in the Eastern and Central Equatorial Pacific.
- (c) Above normal rainfall in Eastern Australia.
- (d) Too many Texans taking abnormally hot showers at the same time.

Question 6

A major hurricane is defined as a category

- (a) 4 or higher hurricane
- (b) 2 or higher hurricane
- (c) 3 or higher hurricane
- (d) 5 or higher hurricane

Question 7

A tropical storm has sustained wind speeds of

- (a) 28 mph to 40 mph
- (b) 39 mph to 73 mph
- (c) 74 mph or greater
- (d) 38 mph or less

Question 8

During a La Nina, the water temperature in the Eastern and Central Equatorial Pacific Ocean is lower than normal.

- (a) True
- (b) False

Question 9

The "Hurricane Season" for the Atlantic Ocean is...

- (a) January 1st through July 31st
- (b) June 1st through November 30th
- (c) December 1st through February 28th
- (d) June 1st through December 15th

Question 10

During El Nino conditions, the occurrences of tropical cyclones is usually \_\_\_\_\_ than in La Nino conditions in the Atlantic Ocean.

- (a) more
- (b) less