

Name _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

- 1) This region of the United States has the lowest average number of tornadoes:
A) Midwest. B) West.
C) Northeast. D) Southeast.
- 2) This is NOT a significant factor in explaining why the United States experiences so many tornadoes:
A) lack of major east-west mountain range in east.
B) bordered by a cold ocean current on west coast.
C) relatively flat in eastern portion.
D) spans wide range of latitudes.
- 3) Structural damage from tornadoes is usually caused by:
A) large hailstones.
B) pressure differences between the inside of the structure and the outside air.
C) high winds.
D) a lack of conservation of angular momentum.
- 4) Storm surges are most intense:
A) in the middle of the hurricane.
B) on the right side of the hurricane.
C) on the left side of the hurricane.
D) just after the trailing edge of the hurricane has passed.
- 5) The eye of a hurricane has all of the following characteristics, except:
A) descending air.
B) an average passage time of 5-10 minutes.
C) light winds.
D) relatively clear skies.
- 6) This type of cloud is typically on the top part of a hurricane:
A) cirrostratus. B) nimbostratus.
C) altocumulus. D) cumulonimbus.

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- 7) The thermoelectric-effect explanation for lightning:
A) depends upon ice crystals moving to the bottom of the cloud.
B) depends on the transfer of negative charge to hailstones.
C) is dependent upon a magnetic field to induce charge separation in ice pellets.
D) cannot occur in a cloud that extends above the freezing level.
- 8) Hurricanes:
A) have maximum windspeeds near their outer edges.
B) have both warm and cold fronts.
C) contain numerous thunderstorms arranged in a pinwheel formation.
D) have minimum precipitation just outside the eyewall.
- 9) A hurricane typically:
A) forms over relatively cool ocean waters.
B) contains bands of precipitating clouds that spiral clockwise in the Northern Hemisphere.
C) has temperatures near its center that are much higher than surrounding temperatures.
D) is a cold-core cyclone.
- 10) Over the Indian Ocean the strongest tropical storms are called:
A) hurricanes. B) cyclones.
C) typhoons. D) inta'akas.

Answer Key

Testname: QUIZ.4.TST

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

- 1) B
- 2) B
- 3) C
- 4) B
- 5) B
- 6) A
- 7) B
- 8) C
- 9) C
- 10) B