Weather Test 2 Review 2

1. A short heavy rain followed by clear skies and cooler, drier weather is produced by which type of front? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Precipitation that falls to Earth ultimately flows over land into lakes, streams and rivers is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Bodies of water affect nearby landmasses. Which body of water had the greatest impact on a nearby region’s weather? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. A boundary where warm air moves over cold air is called a \_\_\_\_\_\_\_\_\_\_\_\_?
5. Where do climate conditions cause hurricanes to become larger and more powerful?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. A beaker of soil and a beaker of water are placed under a lamp. Both the soil and water start out at the same temperature. What happened as the lamp heats up the material? (Which one will be the first to get hot, the soil or the water)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. Name the global winds that are responsible for most of the local weather in North Carolina? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. The areas around the poles are the coldest parts of earth because the sunlight hits at \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_?
9. A hurricane is formed over \_\_\_\_\_\_\_\_\_\_\_ tropical waters.
10. The date with the shortest amount of daylight in the Southern Hemisphere?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
11. Air Pressure is the Greatest at \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_?
12. Air Pressure on a hot summer day expands and becomes \_\_\_\_\_\_\_\_\_\_\_\_dense, creating areas of \_\_\_\_\_\_\_\_\_\_\_\_ pressure
13. The Christmas Day record high temperature of 101 degrees Fahrenheit, would have most likely occurred in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_hemisphere?
14. Two air masses with large differences in air pressure near one another. What weather conditions will most likely exist between the two air masses?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

15) A winter storm is moving through the central United States. In which direction is It most likely moving? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16) What type of weather will a high pressure weather system pattern bring? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

17) North America’s weather is most likely controlled by the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_?