1. Which of the following is NOT true?
   A. Latitude will measure degrees north and south of Equator.
   B. Lines that run parallel to the equator are latitude.
   C. The north and south lines that go around the earth over the poles are longitude.
   D. The equator is 1/4 the length of a meridian.

2. Which of the following is NOT TRUE of the 5 Themes of Geography?
   A. Place would describe Houston as flat, humid and hot.
   B. Galveston is near the Gulf of Mexico, which is its absolute location.
   C. In Colorado people like to ski which is human-environmental interaction.
   D. Los Angeles, its suburbs and highways is a functional region.

3. Which term do scientists NOT use to identify a physical component of the biosphere?
   A. atmosphere  B. lithosphere  C. hemisphere  D. hydrosphere

4. Which of these are NOT TRUE about the zones of latitude.
   A. Lands in polar zones are the coldest.
   B. Climates are the hottest in the temperate or middle zone.
   C. There are 3 zones of latitude - high, middle and low.
   D. The area between the Tropic of Cancer and Capricorn are tropical.

5. Which of these are NOT factors that influence the climate?
   A. longitude  B. wind & ocean currents  C. latitude  D. elevation

6. Which of the following are NOT true?
   A. There are two types of forest or trees - broadleaf and needleleaf
   B. Temperature and precipitation - the most significant factors in defining various climates
   C. A climate warming of water off the west coast of South America is El Nino
   D. Warm air and water currents flow to the equator while cold air and water flow to poles

7. Which of these is NOT true?
   A. Climate subregion that has a rainy season in summer and dry season in winter is Tropical Wet & Dry.
   B. Flat, treeless lands around the Arctic Ocean in high latitudes are called Tundra.
   C. Desert climate is based on the average yearly rainfall being more than 15 inches.
   D. The climate subregion that experiences 4 seasons is the Humid Continental.

8. Which biome is paired with its correct climate zone?
   A. heavy rainfall and warm temperatures – tundra
   B. moderate rainfall and cold temperatures – desert
   C. moderate rainfall and warm to cold temperatures – deciduous forest
   D. little rainfall and warm temperatures – tropical rainforest

9. Which of the following combination are TRUE?
   1. El Nino - a warming of the surface of the Pacific Ocean(west coast of S. Am.)
   2. Temperature & precipitation - most significant factors in defining various climates
   3. Tropical Wet & Dry - climate subregion with rainy summer season & dry winter season
   4. Humid Continental - climate subregion that experiences 4 seasons
   A. 2, 3   B. 1, 4, 5   C. 1, 2, 3, 4   D. 2, 3, 4

10. A primary reason that geographers study maps is to
    A. predict changes in government policies.
    B. infer relationships between people and places.
    C. understand the time order of historical events.
    D. appreciate the value systems of world cultures.
Map “A” is which hemisphere? Map “B” is which hemisphere?

What are some major lines of Latitude? Longitude?

How many hemispheres? What degree is the North Pole?

11. What features are on a physical map? mountains, rivers, deserts, lakes, oceans, etc.
12. Political map? countries, cities, highways, capitals, etc.
13. What stores information in a digital database which could be used for urban planning without interfering with animal migrations? GIS
14. The Texas Hill Country, the South, Sun Belt or Bible Belt are examples of what region? Perceptual
16. Name 4 categories of relief? mountains, hills, plateaus, plains
17. What are the 5 large world climate regions? Tropical, Dry, Mid-Latitude, High Latitude, Highland
18. What are the weather extremes? hurricanes, tornadoes, blizzards, drought, floods
19. What does the Hydrologic Cycle include? (Study illustration) earth, oceans, atmosphere
20. The solid rock portion of the earth’s surface? lithosphere
21. What are the 4 cause of erosion? (Know their affect on earth) Wind, Ice, Gravity, Water
22. If you live inland, will it be warmer or colder than the coast during the winter? colder
23. What 2 forces in the “Ring of Fire” shape earth by plate movements? volcanoes, earthquakes
24. What are the 2 types of weathering? (Know example of them) mechanical, chemical
25. What are the 3 types of precipitation? (Look at drawings) Frontal, Orographic, Convectional
Know different biomes and where they exist:
Key:
1 - Tundra
2 - Taiga
3 - Tropical Rainforest
4 - Desert
5 - Savanna
6 - Grassland
7 - Temperate Deciduous Forest
8 - Chaparral