

Name:

score out of 43 pts

Directions: This is your vocabulary and terms to know for this chapter. It is expected that you work on this in-class (when you first come into class or when you finish and assignment early). This needs to be turned in the day we finish the last section of a chapter. What you do not finish in class is your responsibility to find time to finish.

Chapter 3 weather and Climate pages 40- 61

- **Factor affecting climate - Section 1 starts page 40**

Content vocabulary-need to have definition and page number

- 1) Gulf Stream
- 2) Weather
- 3) Climate
- 4) Temperature
- 5) Greenhouse effect
- 6) Global warning
- 7) Cyclones
- 8) Prevailing winds
- 9) Doldrums
- 10) Front

Answer the following reading check questions sec 1

- 11) How does Earth's atmosphere help keep the planet warm?

12) What kind of weather is usually associated with an area of low pressure?

13) How is wind direction related to differences of air pressure?

14) What are the main forces that create the ocean currents?

- **Weather factors -Section 2 starts page 46**

Content vocabulary-need to have definition and page number

15) Evaporation

16) Humidity

17) Condensation

18) Orographic effect

19) Rain Shadow

20) Tornadoes

21) Hurricanes

22) Typhoons

Answer the following reading Check Questions sec 2

23) What are the four common forms of Precipitation?

24) How do high levels of elevation and mountains influence weather and climate?

25) What are examples of very violent middle latitude and tropical storms?

26) How do weather satellites help people live safely in places affected by hurricanes?

- **Climate and Vegetation Patterns -Section 3 starts page 50**

Content vocabulary-need to have definition and page number

27) Ecosystem

28) Monsoon

29) Savannas

30) Arid

31) Deciduous Forest

32) Coniferous forests

33) Permafrost

Answer the following reading Check Questions section 3

34) How does the tropical wet and dry climate differ from the tropical humid climate?

35) What are four factors that can create dry climates?

36) In areas with a Mediterranean climate, which seasons bring the most rain fall?

37) Which of the polar climates supports large forests?

Geography for life page 58-59

38) Summarize what are some of the important differences in the physical geography of the North and South Poles?

39) Identify how humans modified the physical environment of Antarctica? How may global warming be affecting Antarctica?