ES Test #4 (Climate and Biomes) Study Guide Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Climate**

1. What is climate?

2. What factors affect climate?

3. What determines the moisture level of a biome?

4. What are the different air masses of the United States?

5. Describe what occurs during a warm front.

6. Describe what occurs during a cold front.

7. How does climate determine the type of biome?

8. What are the different climate zones of the world?

9. What factors affect temperature?

10. Describe the terms used to describe a climate.

11. How does climate affect plants?

**Biomes**

1. What is an adaptation?

2. What are the different plant adaptations?

3. What is thigmotropism?

4. What is phototropism?

5. What are the 3 different types of animal adaptations?

6. What are the adaptations for dry, hot areas? Cold areas?

7. What are the different freshwater biomes?

8. Describe the different zones of a lake.

9. What are adaptations for organisms in rivers and streams?

10. Describe wetlands.

11. What is a marine biome?

12. What is a photic zone? Aphotic zone?

13. What are the different ocean zones?

14. What is an estuary?

15. What are the different terrestrial biomes?

16. For each biome, list the following: climate (temperature and precipitation), geographical location, plants and animals, and any unique features.

1.

2.

3.

4.

5.

6.