**BIOLOGY Chapter 13: Biomes**

**OPEN NOTES QUIZ (17 points)**

**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. Match the following life zone to it’s correct description: (3.5 points)

\_\_\_\_\_\_\_ ecosystem A. the role an organism plays

\_\_\_\_\_\_\_ biome B. a group of the same species living together

\_\_\_\_\_\_\_ habitat C. many different species living in the same area

\_\_\_\_\_\_\_ community D. where an organism lives

\_\_\_\_\_\_\_biosphere E. all living and nonliving parts of environment

\_\_\_\_\_\_\_ population F. a collection of all ecosystems in an area on Earth

\_\_\_\_\_\_\_ niche G. the ‘zone of life’

1. Biomes are identified by the plant life that lives there because:
2. Two factors that determine the type of plant that can grow in a biome are: (1 points)
   1. .
   2. .
3. Complete the chart below: (7.5 points)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **BIOME NAME** | **Where located** | **Summers** | **Winters** | **Rain per year** | **Average Temperature** | **Other notes** |
| **Tundra** | Near North pole | Short & cold 24 hour sun | Long & cold no sun |  | 20 F |  |
| **Coniferous Forest** |  | Short & cool |  | 20 in |  | Trees produce \_\_\_\_\_\_\_\_\_ and are \_\_\_\_\_\_\_\_\_\_ |
| **Deciduous Forest** | Just south of Coniferous | Fairly warm – 6 months | Cold – 6 months |  | 50 F |  |
| **Tropical Rain Forest** |  | Hot and humid | None | At least 100 in |  | Has only two seasons: wet and dry |
| **Grassland** | Interior of continents |  |  | 20 in |  | -------------- |
| **Desert** |  | --------------- | --------------- | Hot: less than 20 in  Cold: 6-10 in |  | Plants and animals have adapted to conserve water |

1. Complete the chart below: (4 points)

|  |  |  |
| --- | --- | --- |
| **Biome Name** | **Water type** | **Other Notes** |
|  | salt | Most \_\_\_\_\_\_\_\_\_\_\_\_\_ and largest |
|  | salt | Exposed during \_\_\_\_\_\_\_\_\_\_, covered during \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  | Mix of salt and fresh |  |
| **Still Water** | fresh | No current ( ) |
| **Running Water** | fresh | Current ( ) |