

## Lesson 11-Biomes

### KEY TERMS

*biome*  
*deciduous forest*  
*desert*  
*tropical rainforest*

### OBJECTIVES

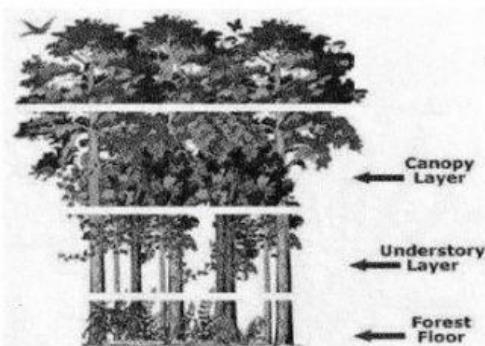
- ⇒ Define biome
- ⇒ Compare and contrast a tropical rainforest and a deciduous forest biome

A **biome** is a large region on the Earth that has a certain climate and certain kinds of organisms. There are **six (6)** common land biomes: *Tropical Rainforest*, *Deciduous Forest*, *Desert*, *Grassland*, *Tundra* and *Taiga*.

### Tropical Rainforests

- **Tropical Rainforests** are known for strong sunlight and warm, wet climate which provides ideal growing conditions for a variety of plants and animals. Most plants and animals on Earth live in the tropical rainforests. The Bahamas has a climate very similar to that of the tropical rainforests. Many *insects*, *bats*, *birds* and *mammals* live in the tropical rainforest. The plants in the rainforest are in three layers: *canopy*, *understory* and *forest floor*.

### Layers of Rain Forest



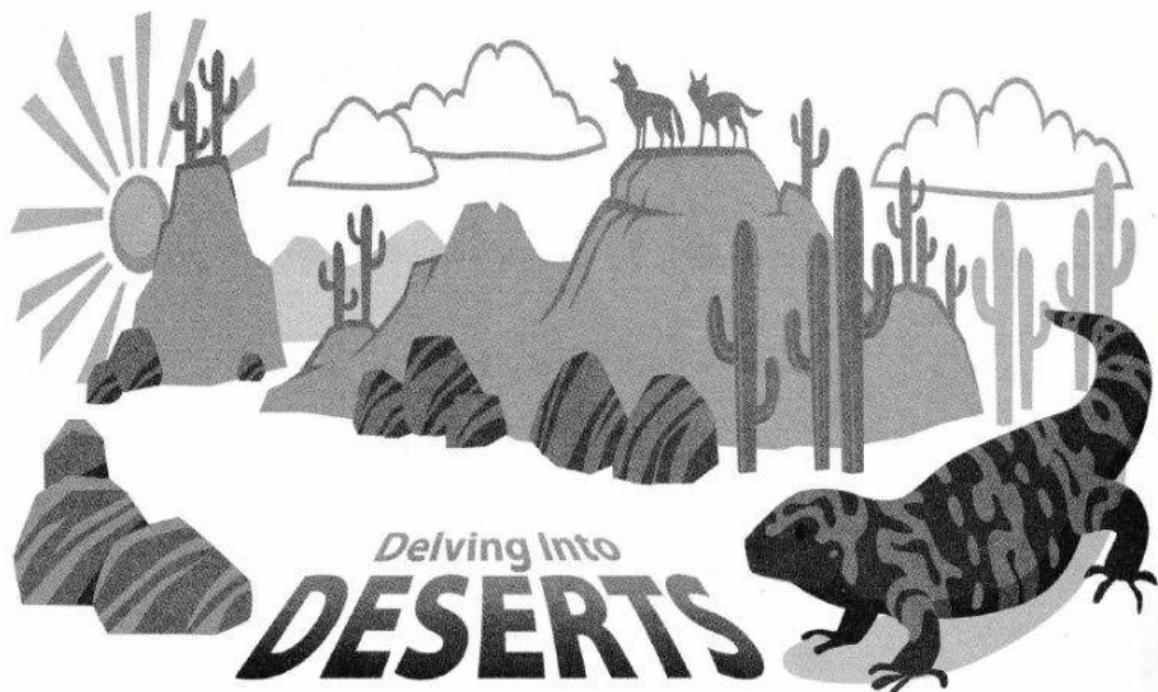
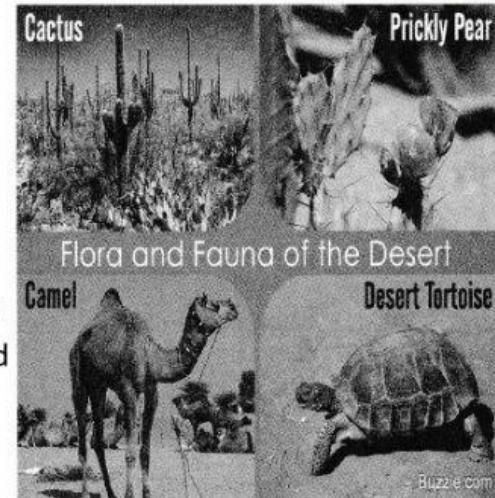
### Deciduous Forests

- **Deciduous Forests** have plants with broad leaves. The plants shed leaves every year and remain off the trees for almost three months during winter. Several layers of plants can be found in the Deciduous Forest. They are *canopy*, *understory*, *shrub layer* and *forest floor*. A variety of plants and animals live in the deciduous forest. Some animals are *squirrels*, *deer*, *rabbits*, *beavers*, *foxes*, *black bears*, *hawks* and *snakes*.



## Deserts

- **Deserts** receive very little rainfall. The rain that does fall evaporates quickly. During the nights, deserts are often very cold. Desert plants are adapted to survive with very little water. The common desert plants are cacti. They store water in their thick stems. Plants such as the creosote bush, have small, waxy leaves. Desert animals also have adaptations to prevent water loss. Snakes and lizards have dry scaly skin. Many desert animals hunt at night to avoid the heat.



## Biomes-Assessment 1

Name: \_\_\_\_\_

Date: \_\_\_\_\_



Read and answer the following questions correctly.

1. Which **TWO** of the following animals would be found living in a **deciduous forest**? Shade in the LETTERS next to the correct answers. [2]

(A) black bear      (B) camel      (C) fox      (D) polar bear

2. Complete the table below by writing the name of the biome being described next to its correct description. [3]

| DESCRIPTION                | BIOME |
|----------------------------|-------|
| a. hot and dry biome       |       |
| b. biome with four layers  |       |
| c. biome with three layers |       |

3. Which biome would a scorpion most likely be living in?

[1]

4(a) Which one of the following biomes has weather conditions similar to The Bahamas?

Shade in the LETTER next to the correct answer. [1]

(A) deciduous forest      (B) desert      (C) tropical rainforest      (D) tundra

4(b) Describe the weather conditions of the biome mentioned in 4(a).

[1]

5. Identify **ONE** difference between the **tropical rainforest** and the **deciduous forest**. [2]

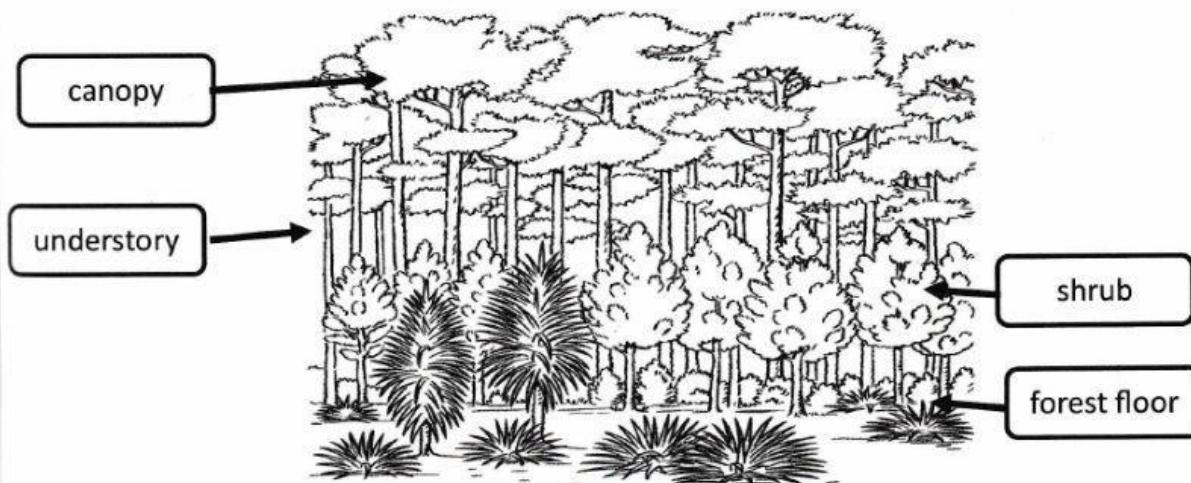
**TOTAL MARKS-10**

## Biomes-Assessment 2

Name: \_\_\_\_\_

Date: \_\_\_\_\_

The diagram below shows a biome. Use the diagram to answer the following questions correctly.



1. What is a **biome**? [2]

2] \_\_\_\_\_  
- \_\_\_\_\_  
- \_\_\_\_\_

2(a) What type of biome is shown in the diagram above? Shade in the LETTER next to the correct answer. [1]

(A) deciduous forest      (B) desert      (C) tropical rainforest      (D) tundra

2(b) Explain your answer from 2(a). [1]

\_\_\_\_\_  
- \_\_\_\_\_  
- \_\_\_\_\_

3. Circle **ONE** animal from the box below that can be found living in the desert. [1]

toucan

camel

sheep

bear

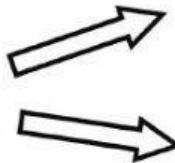
4. Complete the statement below to show cause and effect. [1]

Many desert animals hunt at night because \_\_\_\_\_

5. Complete the chart below to show **TWO** adaptations a cactus plant has. [2]

**ADAPTATIONS**

Cactus plant



**TOTAL MARKS-8**