

Environmental Science Chapter 3-1

Define:

Biome- _____

Deciduous - _____

Evergreen- _____

Flora- _____

Fauna- _____

Permafrost- _____

1) What are the three names for grasslands?

A _____ B _____ C _____

2) Complete the table below by placing X's:

Biome	High rain	Medium rain	Low rain	4 seasons	2 seasons (wet- dry)	Hot summer	Cold winter	Always hot
Temperate Deciduous Forest								
Coniferous Forests (Taiga)								
Tropical Rain Forest								
Temperate Grassland								
Desert								
Tundra								
Savanna								

3) What adaptations do plants **and** animals have that help them deal with the lack of rain in the desert?4) What adaptations do plants **and** animals have that help them deal with the cold in the coniferous forest and Tundra?

ES Chapter 3-2

Define:

Marine Ecosystems- _____

Phytoplankton- _____

Zooplankton- _____

Coral Reefs- _____

Intertidal Zone- _____

Neritic Zone- _____

Sargasso Sea- _____

Oceanic Zone- _____

Benthic Zone- _____

Polar Ice- _____

Estuary- _____

Holdfasts- _____

1) What happens to the temperature and the amount of sunlight as you go deeper in the ocean?

2) What is the base of the food chain in the part of the ocean where sunlight penetrates?

3) What is the base of the food chain in the part of the ocean where NO sunlight penetrates?

4) What kind of organisms would you expect to find in the following zones?

Intertidal Zone-	1 _____	2 _____	3 _____
Neritic Zone-	1 _____	2 _____	3 _____
Oceanic Zone-	1 _____	2 _____	3 _____
Benthic Zone-	1 _____	2 _____	3 _____
Polar Ice-	1 _____	2 _____	3 _____

ES Chapter 3-3

Define:

Littoral Zone- _____

Open Water Zone- _____

Deep Water Zone- _____

Wetlands- _____

Marsh- _____

Swamp- _____

Tributary- _____

River- _____

1) What organisms live in the following area?

Littoral Zone- _____

Open Water Zone- _____

Deep Water Zone- _____

Marsh- _____

Swamp- _____

2) How does a pond or lake turn into a forest over time? DRAW below

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