Chapter 11 and 12 Review Kery

1. Define Endangered Species and Threatened Species and provide 3 examples of each.
ES Species categorized by UN Ex. Amur Leopard, Asian Elephant
Red List as likely to become extinct Ca Condor,
Red List as likely to become extract Ca. Condor, TS Vulnerable to endengardnest Ex. Caracara - 5:70,
Vulneable to endenguednest Ex. Caracara - 5:rd, Mexican Spotted and, polar bea
2. Identify and describe 3 benefits of biodiversity
Increases Stubility
Inerease Resilvence - able to adapt
Increus Food Security
 3. What is causing the 6th mass extinction on Earth?
at O = equation is highest biodiversity as latitude increuses biodiversity clearess 5. Identify and Describe 6 causes of biodiversity loss. Hint: HIPPOC
Habitat Loss
Invasives Species
Population
Pollution
Overconsumption
Climate Charge
6. Identify and Describe 2 laws that are used in conservation biology.
Endangered Specie Act
CITES

8. Why are islands usually location	
9. What is mitigation? Reduction 10. Identify and describe 3 Pecological Property 10.	cal benefits of forests.
Hold 807 (- Prevent	· Erosion
Water Cycle sin	t-Transplation
Cowlon Cycle sic	it - photosyntheis
11. Identify and describe 4 forest	types (review biomes).
1 Coniferus	3 Desilums
2 Tropical	4 Temperate Rain Forest (pocific Northwest)
12. Identify 5 ecosystem services of	of forests.
Parify water free wood timber support biodiensity store curtom produce onger	
13. What is deforestation?	of forest habitat
14. What is an old-growth forest?15. What is secondary forest?	natural furet went by people sees after old grown is cut. Smaller freeze less
16. Which type of forest is more sta	able: Even aged stands or uneven aged stands? Why?
Ureven-aged	p.317
17. Identify and describe 3 methods	s for harvesting timber. $\rho \cdot 318$
Clear - cut	Seed-tree/ Selectional Sheltrward
Which one is the most sustainable?	Selectional

18. Identify and Describe 4 types of land reserves and indicate who manages them. Explain your answer: allow for new gerninster 20. Describe the edge effect. dif. halint on edge Fragmetation 21. What is the Theory of Island Biogeography? How can it be applied to fragmented habitats. p329 11. Which of the following characteristics would make a species less prone to extinction? C) possessing a valuable skin

E is the correct answer

- (A) nesting in large flocks
- **B**) requiring large amounts of unfragmented habitat
- D) serving as a food source for humans
- E) producing many offspring when environmental conditions are favorable
- 1. The Endangered Species Act of 1973
 - A) is one of the world's toughest environmental laws.
 - B) allows the use of endangered species for approved scientific purposes or if the use enhances the survival of the species.
 - C) authorizes identification of endangered species solely on a biological basis.
 - D) requires all commercial shipments of wildlife enter or leave the U.S. through one of nine designated ports.
 - (E) All of these answers.
- 8. The current extinction crisis differs from previous mass extinctions in that
 - A) ecosystems which store genes for future radiations are being protected.
 - (B) the current crisis is caused by the human species.
 - C) it is taking place at a slower rate.
 - D) recovery is likely to be faster because of genetic engineering.
 - E) it is making the planet healthier.
 - 9. The Wilderness Society and the National Parks and Conservation Association suggested all of the following proposals except
 - A) providing funds for the backlog of park system maintenance and repairs.
 - (B) Disignificantly increasing the pay and number of park rangers.
 - C) buying private lands inside parks and adding land near the most threatened parks.
 - D) locating most commercial park facilities only along the main road through the park.
 - E) None of these answers.

Complete each statement.		
Word bank:		
a. habitat corridors		
b. trowl fishing		
c. invasive species		
d. safe harbor agreements		
e. endangered		
ab. gene banks		
ac. seed bank		
ad. endemic species		
ae. deforestation		
bc. selective cutting		
bd. Endangered Species Act		
be. threatened		
24. A(An) species is still abundant in its natural range but because of declining numbers it is vulnerable to extinction.		
25. Landowners voluntarily agree to tkae specified steps to restore, improve, or maintain habitat for threatened or endagered species located on their land under		
26. Label Compermit migration of individuals and populations in order to support species that need larger ranges.		
27. A method of logging that removes mature trees singly or in small groups in an uneven-aged forest is called selective cuttors		
28. In trous fisking a bag is raked across the ocean floor and whatever is in the way gets captured.		
29. Places to preserve genetic information and endangered plant species are called Seed beates .		
30are found only in one location, particulary on islands.		
31. <u>Seed back</u> preserve plant species, which are the only remaining means of maintaining long term genetic progress.		
32. <u>defendation</u> contributes to the greenhouse effect by destroying plants that use carbon dioxide.		

33. African honeybees in Brazil are <u>invasive</u> Specie and have displaced the established honeybees.

35. A(An) endagered species has so few individual survivors that the species could soon become extinct over all or most of its natural range.

was designed to identify and legally protect endangered species in the US