

Conservation Science Unit 1: Chp 3-5 Public Land, Public Water, and Private Land Conservation Quiz

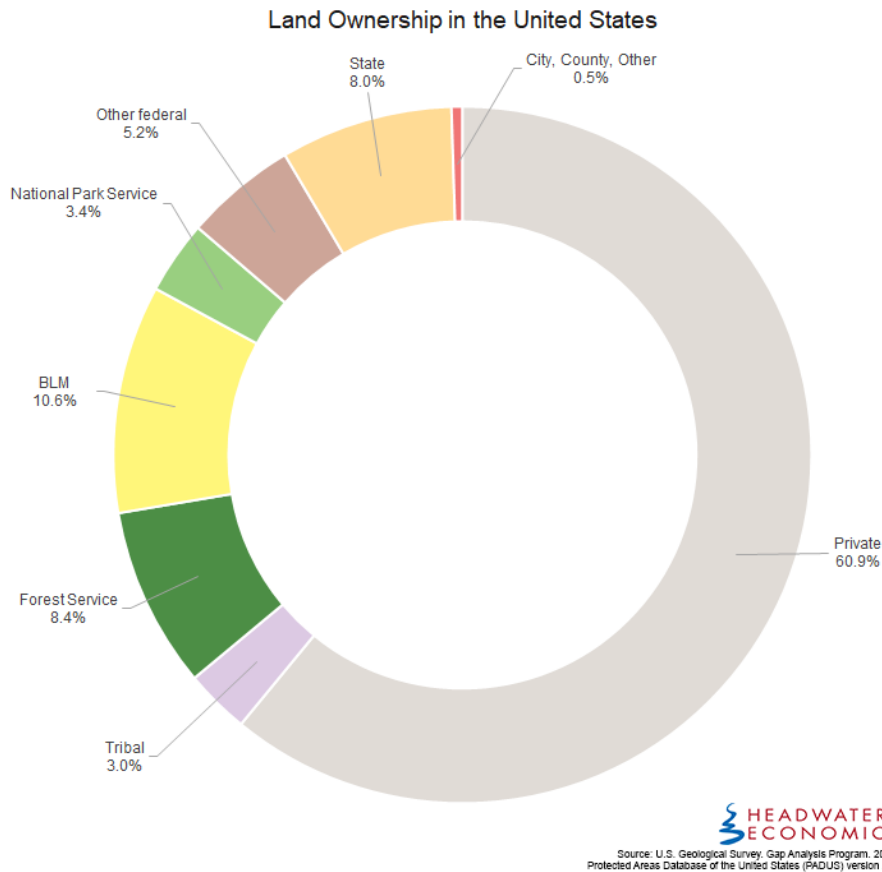
(True or false) List the following statements as T or F

1. ____ The federal government set aside a section in each township as state trust land to build federal buildings, churches, banks and stores
2. ____ To encourage settlement of newly acquired land, Abraham Lincoln signed the Homestead Act that gave settlers up to 160 acres of federal land
3. ____ From 1850 to 1870 the federal government made railroad companies purchase land for tracks and gave the land adjacent to the tracks to settlers
4. ____ The majority of federal land is managed by one agency, the National Park Service (NPS)
5. ____ Waterways defined as “navigable” by federal and state government are public waters
6. ____ Public waters can be accessed at any shore when they are deemed “navigable” by the government
7. ____ The majority of public forest land is concentrated in the Eastern states
8. ____ Many state and federal programs provide resources and funding for private landowners to manage their land to benefit wildlife.
9. ____ From 1980-2016 waters that met quality standards increased from 30-75%, resulting from the The Clean Water Act and EPA enforcement
10. ____ More than half of the U.S. forests are federally owned and managed by the U.S. Forest Service.

Multiple Choice: Choose the best answer

11. The acres of land managed by BLM include designations of all EXCEPT the following
 - A. Tribal Lands
 - B. Public Land
 - C. National Conservation Area
 - D. Area of Critical Environmental Concern
12. The Department of Interior (DOI) agencies that are responsible for managing federal land include all of the following EXCEPT
 - A. Department of Defense (DOD)
 - B. Bureau of Land Management (BLM)
 - C. National Park Service (NPS)
 - D. U.S. Fish and Wildlife Service (FWS)

Use the following graph to answer questions 13-15



13. According to the graph, which statement applies
- A. The majority of land is regulated by the federal government
 - B. The government manages the majority of forest land
 - C. The government does not assist in private land management
 - D. The majority of land in the U.S. is privately owned
14. According to the graph, what percent of land in the U.S. is federally owned?
- A. Over 50%
 - B. About 39%
 - C. About 28%
 - D. Less than 25%
15. Based on the graph, which statement can be most supported
- A. It is important for private land conservation efforts
 - B. It is important to increase regulations on tribal lands
 - C. More federally owned land should be turned over to private ownership
 - D. Resources should be extracted from federal lands

16. The U.S. Fish and Wildlife Service gives priority to
- A. Protecting fish and wildlife as a commercial resource
 - B. Protecting individual rights to limited resources
 - C. Protecting animal rights
 - D. Protecting fish and wildlife in their habitats
17. The U.S. Forest Service (FS) has a mission to
- A. Keep national forest and grasslands pristine and untouched
 - B. Manage sustainable use of forest and grasslands
 - C. Manage National Parks for biodiversity
 - D. Intervene in management of private land
18. Stream Access Laws
- A. Keep individuals out of public waters
 - B. Allow transportation on major waterways
 - C. Regulate access to smaller waterways
 - D. Regulate transport of hazardous materials on waterways
19. The creation of this legislation was a major turning point improving water quality and addressing pollution levels
- A. Federal Water Pollution Control Act (FWPCA) in 1948
 - B. Clean Water Act (CWA) in 1972
 - C. Lacey Act in 1900
 - D. Bald Eagle Protection Act in 1940
20. Point Sources of pollution would include all of the following EXCEPT
- A. Oil spills
 - B. Industrial Plant Waste
 - C. Suburban development
 - D. Sewage overflows
21. Non-point sources of pollution
- A. Occur over larger areas
 - B. Are not significant sources of pollution
 - C. Do not cause any known harm to wildlife
 - D. Occur in the air

22. In the following food chain (vegetation -> invertebrates -> small birds -> bald eagle), pesticides would be most concentrated and have the most effect on the

- A. Vegetation
- B. Invertebrates
- C. Small birds
- D. Bald eagle

23. Fertilizers and untreated human wastes that enter waters cause

- A. An overproduction of oxygen, killing the fish
- B. A reduced algae growth, resulting in death of top predators
- C. A large growth of algae, reducing the sunlight
- D. Large amounts of CO₂ released in the atmosphere

24. Conservation Easements

- A. Convert private land to federal land
- B. Allow for public access to navigable waters
- C. Reduce the number of visitors to National Parks for conservation purposes
- D. Are legal agreements restricting the use of private land for conservation

Constructed Response

25. Only 47% of the U.S. original wetlands remain. Describe the importance of wetland restoration. Include why they were destroyed and what wetlands provide for the environment.

26. Explain how urbanization affects waterways. Include runoff and the effects on watersheds in your explanation.

27. Describe how private land owners can contribute to conservation. Include conservation assistant programs.