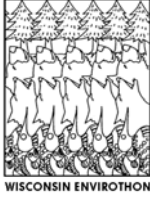


Score: _____

Team Name: _____



2008 Wisconsin Envirothon Wildlife Exam & Practicum

1. Identify the four components of habitat. (4 pts, 1 pt each)

2. A resident population of Cougars (*Felis concolor*), also known as Mountain Lions, Pumas or Catamounts have recently been verified in Wisconsin. True or False? (2 pts)

3. The Secretary (or top official) of the Wisconsin Dept. of Natural Resources... (2 pts)
 - a. Is appointed by the Natural Resources Board
 - b. Is appointed by the Governor

4. Are these species native (N) or introduced invasives (I)? (6 pts, 1 pt each)

Garlic Mustard	_____
Wood Violet	_____
Kudzu	_____
Spotted Knapweed	_____
Burr Oak	_____
Purple Loosestrife	_____

5. What marsupial is native to Wisconsin? (2 pts)

6. Match the species to its most likely surrounding (4 pts, 1 pt each)

Peregrine Falcon	mature forest
Sharp-tailed Grouse	savanna
Goshawk	skyscraper
Red-headed Woodpecker	prairie/open brush

_____/20
Running Total: 20

Team Name: _____

7. In Wisconsin, a line can be drawn from the Northwest part of the state to the Southeast part of the state. Along this line or band, many plant and animal reach their ecological distribution. This line is referred to as the; (2 pts)

- a. Midwest Interface
- b. Tension Zone
- c. Glacial Ecotone
- d. Trans Wisconsin Divide

8. Tall shiny buildings, wind turbines and communication towers can be very detrimental to what group of animals? (2pts)

9. The “sex –age – kill” formula is a population estimate the WDNR uses for what animal? (2pts)

- a. turkey
- b. deer
- c. grouse
- d. beaver

10. Prescribed burns are a habitat management tool used to... (4 pts.)

- a. mimic natural events such as lightning strikes
- b. set back rodent populations
- c. set back introduced and/or invasive species
- d. all the above
- e. a & c

11. Although Carp were introduced to this country because they were considered excellent to eat, they damage wetlands by uprooting plants and stirring up sediment. True or false? (2pts)

12. Place the species with its associated habitat. (16 pts, 2 pts each)

A. prairie B. woodland C. wetland

- 1. Big bluestem _____
- 2. Bulrush _____
- 3. Ruffed Grouse _____
- 4. Showy Lady Slipper _____
- 5. Trout Lilly _____
- 6. Black-eyed Susan _____
- 7. American Bittern _____
- 8. Mink _____

____/28

Running Total: 48

13. What number best represents the current black bear population estimate in Wisconsin? (2pts)

Team Name: _____

- d. 12,000 – 15,000
- a. 3,000 – 6,000
- b. 6,000 – 9,000
- c. 9,000 – 12,000
- d. 12,000 – 15,000

WILDLIFE PRACTICUM

Mounts Name the species

- 1. _____ (4 pts)
- 2. _____ (4 pts)
- 3. _____ (4 pts)

Pelts

- 4. _____ (2 pts)
- 5. _____ (2 pts)
- 6. _____ (4 pts)
- 7. aquatic or terrestrial (circle one) (3 pts)
- 8. aquatic or terrestrial (circle one) (3 pts)

Samples What is this?

- 9. _____ (2 pts)
- 10. _____ (2 pts)
- 11. _____ (3 pts)
- 12. _____ (3 pts)
- 13. _____ (4 pts)

Photos

- 14. _____ (4 pts)
- 15. _____ (3 pts)
- 16. _____ (3 pts)

TIE BREAKER

Are these photos representative of a cougar? Why or why not?
