

## Sample Senior Contest: Wildlife Habitat Education Program

### Part 1. Wildlife Identification: Supply the correct common name for the species in the photographs.



1. \_\_\_\_\_



2. \_\_\_\_\_



3. \_\_\_\_\_

### Part 2. Wildlife Knowledge: Choose the correct answer for the following questions.

1. \_\_\_\_ The state of Mississippi is dominated by which ecoregion:
  - A. Eastern Deciduous Forest
  - B. Prairie Brushland
  - C. Mediterranean Zone
  - D. Southeastern Mixed & Outer Coastal Plains Forests
2. \_\_\_\_ The final successional stage of vegetation in Mississippi is characterized by:
  - A. oaks, hickories, and pines
  - B. spruce and fir
  - C. dogwood, redbud, and shadbush
  - D. beech and maples
3. \_\_\_\_ Which of the following is NOT food of the hairy woodpecker?
  - A. hard mast
  - B. insects
  - C. leaves and twigs
  - D. spiders
4. \_\_\_\_ In the aerial photo, which of the following would best apply?
  - A. An urban plan would be applicable.
  - B. Management for bluegill would be a suitable goal.
  - C. Eastern wild turkey and white-tailed deer are likely residents of this area.
  - D. Soft edges are prevalent in the aerial photo.



**Part 3. Wildlife Management Practices.** For the area below, consider that the landowner wants to increase the local cottontail bear and turkey populations. He has just purchased this area for recreational use. On the score card provided below, mark an "X" in the box for the management practice(s) that should be implemented on this site for this species in order to achieve this.



|   | rabbit | turkey |
|---|--------|--------|
| 1. decrease harvest                     |        |        |
| 2. increase harvest                     |        |        |
| 3. establish native grasses and forbs   |        |        |
| 4. fish or wildlife survey              |        |        |
| 5. grain: leave unharvested             |        |        |
| 6. harvest timing                       |        |        |
| 7. manipulation of success              |        |        |
| 8. nesting structures                   |        |        |
| 9. plant food plots                     |        |        |
| 10. plant trees                         |        |        |
| 11. plant shrubs (create hedgerows)     |        |        |
| 12. pond construction                   |        |        |
| 13. ponds: deepen edges                 |        |        |
| 14. ponds: fertilize                    |        |        |
| 15. ponds: reduce turbidity             |        |        |
| 16. ponds: repair spillway              |        |        |
| 17. ponds: restock                      |        |        |
| 18. retains snags & down woody material |        |        |
| 19. riparian buffers                    |        |        |
| 23. tillage management                  |        |        |
| 24. timber management techniques        |        |        |
| 25. water level manipulation            |        |        |
| 26. water developments for wildlife     |        |        |
| 27. wildlife damage management          |        |        |

**Part 4: Write a management plan** for the land owner above that will support and increase populations of eastern wild turkey and eastern cottontail. Numbers of coyotes have been increasing and been negatively reducing local small game populations. Grass diversity is good, but exotic cogon grass is a problem in some areas of the property.