

35. Maintaining a young bird in semi-wild conditions and providing food until it can live alone in the wild is called:
- a. poulting
 - b. nesting
 - c. whelping
 - d. hacking
36. Deer are managed in PA on a _____ basis.
- a. county
 - b. township
 - c. DMU
 - d. CWD
37. What has the greatest impact on rabbit populations?
- a. predation
 - b. hunting
 - c. disease
 - d. habitat
38. In addition to hunting license sales, Pennsylvania wildlife programs are funded through:
- a. state sales taxes
 - b. game land fees
 - c. timber and mineral right sales
 - d. property taxes
39. Another name for the sparrow hawk is:
- a. red-tailed hawk
 - b. broad-winged hawk
 - c. kestrel
 - d. peregrine falcon
40. Hunting seasons and bag limits in PA are established by the:
- a. state legislature
 - b. Game Commissioners
 - c. Game Commission biologists
 - d. Fish and Wildlife Service
41. In PA, the only animal that regularly preys on porcupines is
- a. black bear
 - b. raccoon
 - c. fisher
 - d. coyote
42. A type of trap that kills the target animal upon capture is the _____ trap.
- a. conibear
 - b. coil spring
 - c. box
 - d. snare
43. In PA, the buck to doe ratio before deer season has historically been about:
- a. 1:1
 - b. 2:1
 - c. 1:10
 - d. 1:30
44. The wildlife of Pennsylvania is the property of which of the following?
- a. PA Game Commission
 - b. hunters
 - c. Pennsylvania citizens
 - d. PA Governor
45. Female foxes are called
- a. sows
 - b. heifers
 - c. vixens
 - d. does
46. The bird that has been increasing greatly in numbers in recent years and may be destroying its arctic nesting grounds because of over-population is the:
- a. Canada goose
 - b. Snow goose
 - c. Ross's goose
 - d. Tundra swan
47. Young doves are called:
- a. peeps
 - b. preens
 - c. poults
 - d. squabs
48. PA has the largest, fastest growing, largest litter producing _____, found anywhere in the world.
- a. deer
 - b. black bears
 - c. beavers
 - d. turkeys
49. The social organization of whitetail deer is:
- a. patriarchal
 - b. cervidae
 - c. matriarchal
 - d. estrous
50. The term that refers to the pregnancy period in mammals is:
- a. gestation
 - b. parturition
 - c. lactation
 - d. progestoration

FFA Wildlife Contest – 2005

True or False (mark T or F on the answer key)

1. The carrying capacity of a habitat increases during the winter due to exposed buds and twigs.
2. Beaver kits are precocial at birth.
3. Large populations of porcupines are encouraged by foresters because they girdle undesirable trees.
4. Age and nutrition of the doe influence her reproductive capacity.
5. Predator control is the best way to improve game animal populations.
6. The red tailed hawk is a carnivore.
7. In order for wildlife populations to be balanced, prey populations should exceed predator populations.
8. Timber harvests can be made that are economically beneficial to the landowner and simultaneously improve wildlife habitat.
9. The greater the mobility of a wildlife species, the more difficult it is for biologists to measure the population.
10. In birds, the gizzard functions as a tooth-like organ.
11. There are no game birds in PA that are considered endangered.
12. The meadow vole or field mouse is the most common vole in the eastern United States.
13. Wood ducks do not like to nest in trees standing over water, they prefer sties that are about a mile away.
14. Territory size is usually larger for predatory species and smaller for non-predaceous species.
15. Another name for the snowshoe rabbit is the varying hare.
16. The state mammal is the black bear.
17. It is illegal to shoot birds such as pigeons, ducks, and geese, if they have leg bands.
18. Vern Ross is the current executive director of the Pennsylvania Game Commission.
19. Most biologists believe that the increasing coyote population in PA is largely responsible for the lower deer harvest in the north central part of the state.
20. The Lacey Act is the federal law which established the excise tax on hunting equipment and firearms.
21. The whitetail deer is polygamous.
22. The State FFA Wildlife contest is held each year in the Game Commission's south central region.
23. The largest common woodpecker in PA is the pileated woodpecker.
24. An adult resident hunting license in PA costs \$20.
25. The man given credit for the development of modern wildlife management was Frederick Remington.
26. Earthworms make up 75% of the diet of the woodcock.
27. Beavers are delayed implanters. That means that the young are not fully developed when born.
28. Red foxes climb extremely well and often take refuge in trees.
29. The PA Game Commission believes that acid rain is the primary reason for reduced natural regrowth in PA forests.
30. During the 2006 spring gobbler season, properly licensed hunters will be able to harvest two turkeys.

Multiple Choice (mark the letter of the most correct answer on the answer key)

31. The black squirrel is a color phase of what other Pennsylvania squirrel?
 - a. Gray
 - b. Red
 - c. Fox
 - d. Flying
32. Which of the following owl species are found in PA only during the winter?
 - a. barn
 - b. snowy
 - c. great horned
 - d. screech
33. In terms of mast, which tree would probably be most beneficial to wildlife?
 - a. Maple
 - b. Beech
 - c. Sycamore
 - d. Poplar
34. The biggest problem likely to face squirrels in an area that was totally clear-cut ten years ago is :
 - a. lack of food
 - b. lack of cover
 - c. lack of suitable den trees
 - d. Predation
35. Bears mate in which season of the year:
 - a. winter
 - b. spring
 - c. summer
 - d. fall

36. The favorite food of the otter is:
- a. frogs
 - b. fish
 - c. turtles
 - d. snakes
37. Fishers need _____ to survive.
- a. open farmland
 - b. swamps
 - c. continuous forest
 - d. partial forest
38. One theory about coyotes is that the western coyote interbred with the _____ to create the eastern coyote.
- a. red wolf
 - b. gray wolf
 - c. jackal
 - d. brown wolf
39. Pennsylvania's state bird is the
- a. wild turkey
 - b. ruffed grouse
 - c. robin
 - d. ring-necked pheasant
40. The woodpecker, thought to be extinct, that was recently rediscovered, is the _____ woodpecker.
- a. downy
 - b. red headed
 - c. ivory billed
 - d. pileated
41. Gypsy moth defoliation and resultant tree mortality benefits wildlife much the same as:
- a. clear cutting
 - b. border cutting
 - c. winter feeding
 - d. food plots
42. Over-population in deer will cause all of the following, except:
- a. delayed breeding ages
 - b. low fawn rate
 - c. winter losses
 - d. more nocturnal activity
43. The favored tree species of beavers is:
- a. oak
 - b. hickory
 - c. aspen
 - d. dogwood
44. Deer population goals are established in PA in terms of number of:
- a. deer per square mile
 - b. deer per acre per county
 - c. deer per agricultural acre
 - d. deer per forested square mile
45. The bird of prey that nested on a tall building in downtown Harrisburg during the last few years is the:
- a. peregrine falcon
 - b. osprey
 - c. red-tailed hawk
 - d. bald eagle
46. The owl referred to as the "monkey-faced" owl is the :
- a. barn owl
 - b. barred owl
 - c. great horned owl
 - d. screech owl
47. The Pennsylvania Game Commission was founded in
- a. 1906
 - b. 1938
 - c. 1900
 - d. 1895
48. Which highly contagious disease is affecting deer in New York and the Midwest U.S.?
- a. CWD
 - b. CREP
 - c. AIDS
 - d. DMU
49. Which organization manages all of the state forests and state parks in PA?
- a. PA Game Commission
 - b. PA Forestry Association
 - c. Department of Conservation and Natural Resources
 - d. Department of the Interior
50. The official title of the PA Game Commission's law enforcement officers is:
- a. wildlife conservation officer
 - b. district game protector
 - c. game warden
 - d. game officer

FFA Wildlife Contest – 2006

True or False (mark T or F on the answer key)

1. Beaver kits are precocial at birth.
2. Beaver populations in PA are effectively controlled by predators.
3. Bow hunting for whitetail deer is responsible for one half of the total harvest in Pennsylvania annually.
4. Opossums are excellent climbers using both their front feet and prehensile tails to climb.
5. The largest white-tailed deer is the endangered Florida key deer.
6. Eagles mate for life and will not remate after one dies.
7. Crows, ravens and turkey vultures are examples of raptors.
8. In order for wildlife populations to be balanced, prey populations should exceed predator populations.
9. There are no game animals in Pennsylvania that are considered endangered species.
10. Sport hunting has never led to the extinction of a wildlife species or caused any species to become rare or endangered.
11. Availability, above all, governs the diet of most predatory animals.
12. The greater the mobility of a wildlife species, the more difficult it is for biologists to measure the population.
13. The ringneck pheasant is not native of the US but rather a native of Asia.
14. The male wood duck is called a drake.
15. Bluebird numbers have risen over the last few decades as a result of the nest boxes put up by humans.
16. Starlings often drive native species from their nest cavities.
17. Hunting license costs in PA have been rising steadily, faster than inflation, for the last 5 years.
18. A female black bear usually produces offspring every other year.
19. Woodcock are classified as migratory birds by the U.S. Fish and Wildlife Service.
20. A deciduous forest will support more wildlife diversity than a coniferous forest.
21. In most areas of PA, a safety zone includes everything within 250 yards of a dwelling.
22. The Fund for Animals is an organization that supports wildlife research projects in many states.
23. Interdigital scent glands are located between the deer's eyes.
24. Maximum sustainable harvests of deer can be obtained when the deer population is maintained at about one half of carrying capacity.
25. Gary Alt is currently the head of the deer management for the PA Game Commission.
26. The State FFA Wildlife contest is held each year in the Game Commission's south central region.
27. More antlerless licenses will be allocated during the 2006-07 license year than last year, in an attempt to increase the deer herd in Northern PA.
28. The number of hunting accidents in PA has been on the increase during the last few years.
29. The Audubon Society is a radical animal rights organization, and is opposed to all hunting.
30. In PA it is now legal for 10 year olds to hunt.

31. Which of the following is not a member of the canine family?
 - a. Coyote
 - b. Wolf
 - c. Bobcat
 - d. Fox
32. Parallel rows of holes in live trees are most likely caused by which of the following woodpeckers?
 - a. Red-headed
 - b. Hairy
 - c. Yellow-bellied sapsucker
 - d. Flicker
33. Which of the following is the best winter-feed for deer?
 - a. Corn
 - b. Salt
 - c. Browse
 - d. Small grains
34. Strip cropping is most beneficial to wildlife because it:
 - a. Produces more food
 - b. Prevents soil erosion
 - c. Produces an "edge" effect
 - d. Produces cover for predators
35. This animal could have as many as five litters of young each year:
 - a. Squirrel
 - b. Cottontail rabbit
 - c. Groundhog
 - d. Muskrat
36. Harassment by starlings may be responsible for recent declines in _____ populations.
 - a. robin and bluebird
 - b. sparrows and finches
 - c. thrushes and nuthatches
 - d. northern flicker and red-headed woodpecker

37. Mice and voles belong to the _____ family.
- mustelid
 - cervidae
 - squirrel
 - rodent
38. Because deer mice eat seeds, berries, buds, beetles, caterpillars and carrion they are classified as _____.
- herbivorous
 - carnivorous
 - omnivorous
 - scavengers
39. The ranking or pecking order of individuals of one species is called:
- gregarious
 - melanistic
 - social hierarchy
 - monarchistic
40. Which is not migratory:
- monarch butterfly
 - tundra swan
 - common snipe
 - ringneck pheasant
41. Over-population in deer will cause which of the following?
- decrease in crop damage reports
 - increased number of trophy bucks
 - decreased tree seedling growth
 - more nocturnal activity
42. _____ is a disease that can be diagnosed only by brain autopsy.
- distemper
 - lyme disease
 - rabies
 - mange
43. Which management practice would most likely increase pheasant populations, long term?
- predator control
 - habitat improvement
 - 3 years of closed seasons
 - stocking
44. Which of the following is monogamous?
- coyote
 - black bear
 - cottontail rabbit
 - elk
45. In PA, the only animal that regularly preys on porcupines is
- black bear
 - fisher
 - raccoon
 - coyote
46. Which is the most common and widespread woodpecker in the United States?
- pileated woodpecker
 - common flicker
 - red-headed woodpecker
 - wood thrush
47. The federal law that prohibits the sale of animal parts across state lines is the:
- Duck Stamp Act
 - Pittman-Robertson Act
 - Dingell-Johnson Act
 - Lacey Act
48. The smallest falcon in PA is the:
- Osprey
 - Kestrel
 - Merlin
 - Peregrine Falcon
49. Which of the following is an endangered species in PA:
- little brown bat
 - Indiana bat
 - river otter
 - box turtle
50. Which of the following is responsible for more species becoming endangered than any other?
- killing as pests
 - habitat destruction
 - pesticides
 - illegal killing

KEY

PA FFA Wildlife Test 2007

- An example of a "mast tree" would be _____.
a. Dogwood b. Basswood **c. Hickory** d. Red maple
- Delayed mowing of summer hay will most benefit _____.
a. Barn owl b. Wild turkey c. Mourning dove **d. Ringneck pheasant**
- A game bird not native to Pennsylvania is _____.
a. Ruffed grouse b. Wild turkey **c. Ringneck pheasant** d. Common snipe
- The largest rodent found in Pennsylvania is the _____.
a. Norway rat **b. Beaver** c. Eastern cottontail d. Groundhog
- The only marsupial native to North America is the _____.
a. Black bear **b. Opossum** c. Raccoon d. Beaver
e. none of the above are marsupials
- Which of the following principles of wildlife management is most sound?
a. Predator control b. Wildlife refuges **c. Habitat improvement**
d. Stocking e. none of the above are sound principles
- The age of a whitetail deer may be determined by _____.
a. Determining tooth replacement and wear b. Weight c. Thickness and color of hide
d. Antler size e. all of the above
- The process by which marshland gradually becomes forested is known as _____.
a. Diversion b. Progression **c. Succession** d. Revision
- Which of the following forest management practices would help squirrel populations?
a. Leave den trees b. Leave red, black, and scarlet oaks
c. Have a mixture of tree species d. Erect nest boxes
e. All of the above
- An animal, which is in true hibernation, will show which of the following characteristics?
a. Dormant state of deep sleep b. Reduced body temperature
c. Reduced heartbeat d. Reduced respiration
e. All of the above
- Size of antler growth on white-tailed bucks is due to:
a. Food quality and quantity b. Genetics c. Age **d. All of the above**
- Parallel rows of holes in live trees are most likely caused by which of the following woodpeckers?
a. Red-headed b. Hairy **c. Yellow-bellied sapsucker** d. Flicker
- Which of the following are adaptations of raptors that make them efficient predators?
a. Binocular vision b. Ability to judge distance c. Sharp talons
d. Strong hooked bills **e. All of the above**
- Which of the following species are beneficial to humans?
a. Owls b. Hawks c. Snakes d. Vultures **e. All of the above**
- Which of the following is the best winter-feed for deer?
a. Corn b. Salt **c. Browse** d. Small grains e. None of the above
- A mature forest is not good habitat for which of the following species?
a. Deer b. Turkey c. Squirrel d. Bear e. All of the above
- This animal could have as many as five litters of young each year:
a. Squirrel **b. Cottontail rabbit** c. Groundhog d. Muskrat
- The greatest threat to wildlife today is:
a. Regulated hunting b. Pesticides c. Illegal killing **d. Habitat destruction**
- On a border cutting, which tree would you be least likely to cut?
a. Oak b. Maple **c. Den Tree** d. Dogwood e. none of the above
- Which of the following is not a member of the canine family?
a. Coyote b. Wolf **c. Bobcat** d. Fox e. all of the above are canines
- Which of the following influence(s) natality rate in wildlife populations?
a. Food availability b. Mating habits of the given species c. Health of the current population
d. All of the above e. none of the above
- Which of the following birds is not a cavity nester?
a. Bluebird b. Kestrel **c. Wood thrush** d. Tree swallow
- Two animals classified as furbearers in the PA Game and Wildlife Code that have no open season for hunting are the:
a. Beaver and cottontail rabbit **b. Otter and fisher**
c. Muskrat and elk d. Red fox and fisher e. All of the above species may NOT be hunted