

24. The term carrying capacity refers to the:
- Number of animals of one or more species living in a given area at a specific time
  - The number of animals of one or more species a particular habitat can support at a given time**
  - The number of young that can be produced in a litter
  - The number of nesting sites that can be established in a given area at a specific time
25. The key(s) to thriving populations of aquatic mammals in Pennsylvania is:
- Unpolluted water**
  - Food
  - Cover
  - All of the above
26. Favored food trees of beavers include which of the following?
- oaks
  - hickories
  - aspens**
  - locust
  - all of the above
27. The summer surplus of rabbits is continually thinned by:
- predation
  - parasites
  - diseases
  - all of the above**
28. Doves, because of their migratory habits, are regulated by the Pennsylvania Game Commission and what other organization?
- New Jersey Fish and Game Association
  - U.S. Fish & Wildlife Service**
  - National Wildlife Federation
  - U.S. Game Commission
  - all of the above
29. Which of the following adaptations exhibited by animals help them survive during the times of food shortages?
- migration
  - hibernation
  - storage and collection of food
  - all of the above**
  - none of the above
30. Determining the abundance and distribution of wildlife is important to wildlife management. Wildlife biologists use many different methods to determine the number and distribution of wildlife throughout the state. Which of the following methods could be used?
- counting actual sightings
  - song counts
  - tagging and recapture methods
  - check stations
  - all of the above**
31. Which of the following animals does not belong to the mustelid family?
- otter
  - skunk
  - woodchuck**
  - mink
  - none of the above
32. The only truly flying mammals in Pennsylvania are the:
- flying squirrel
  - bats**
  - bald eagle
  - all of the above
  - none of the above are flying mammals
33. Raccoons are \_\_\_\_\_ - spending most of their daylight hours in trees.
- diurnal
  - nocturnal**
  - crepuscular
  - none of the above
34. A woodchuck's weight is heaviest at the end of which season?
- spring
  - summer
  - fall**
  - winter
35. All rodents can be identified by their \_\_\_\_\_.
- chisel-shaped incisors**
  - long, bushy tail
  - squeaking sounds
  - carnivorous eating habits
  - all of the above
36. A large skull with bright orange incisors comes from which of the following:
- woodchuck
  - beaver
  - porcupine**
  - nutria
37. Which of the following porcupine predators was once extinct in PA, but has now been reintroduced?
- fisher**
  - red & gray fox
  - snowy owl
  - bobcat
38. The only PA mammal to turn light in winter besides the ermine is the:
- least shrew
  - black bear
  - varying hare**
  - bald eagle
39. The major natural predator of the skunk is the \_\_\_\_\_.
- great horned owl**
  - mink
  - beaver
  - raccoon
  - all of the above
40. Beavers can stay in cold winter water for several hours because of:
- high body temperature
  - thick pelt
  - deposits of body fat
  - high calorie food
  - b & c**
41. The decline of cottontail numbers in recent years is due to:
- loss of habitat**
  - low reproductive potential
  - persistent pesticides
  - acid rain
  - all of the above
42. Snowshoes compete with what other species for food?
- white-tailed deer**
  - cottontails
  - grouse
  - elk
43. Opossums have the most \_\_\_\_\_ of any North America mammal.
- teeth**
  - toes
  - young
  - ears
  - all of the above
44. The social organization of the white-tailed deer is:
- patriarchal
  - matriarchal**
  - pecking order
  - estrous
45. The 3 causes of death of PA elk are:
- old age, disease, and poaching
  - old age, hunting, poaching**
  - old age, weather, starvation
  - none of the above are causes of death of PA elk
46. Bobcats are able to see well at night because of which of the following adaptations:
- large eyes
  - slit shaped pupils
  - abundant rods
  - a & d
  - all of the above**

2011 State FFA Wildlife Exam

1. In order to become a WCO you need to meet all of these criteria but one.  
 A. Must be from PA B. Must have a PA Drivers license C. College Degree D. Posses a Hunting License for 2 yrs.
2. Hunting is a :  
 A. Right B. Value Judgment C. Necessity D. Privilege
3. What owl is noted for having a monkey face  
 A. Screech B. Great horned C. Barn D. Snowy
4. Which of the following seasons is new to the 2011-2012 Digest?  
 A. Porcupine hunting B. Bear hunting during deer season C. Falconry season D. All are new for 2011
5. The time and animal is most susceptible to becoming impregnated is during \_\_\_\_\_.  
 A. Estrus B. Gestation C. Dexterous D. Post partum
6. Which is not a member of the canine family?  
 A. Wolf B. Bobcat C. Coyote D. Red fox
7. When a group of smaller birds such as chickadees attacks a larger predator, this is known as  
 A. Irruptions B. Mobbing C. Merving D. Defensive behavior
8. Nuthatches inhabit \_\_\_\_\_ forests in PA.  
 A. Deciduous B. Coniferous C. Holly forests D. Wetland
9. Which of the following are foods of the common grackle?  
 A. Beetles & Grubs B. Millipedes & Spiders C. Crayfish & Frogs D. All of the above
10. Doves, because of their migratory habits, are regulated by the Pennsylvania Game Commission and what other organ.?  
 A. National Wildlife Refuge B. US Fish & Wildlife C. US Game Commission D. Chesapeake Foundation
11. The largest rodent in Pa is the \_\_\_\_\_?  
 A. Beaver B. Opossum C. Raccoon D. Ground hog
12. Which of the following is not a good winter feed for deer?  
 A. Hay B. Corn C. Browse D. Grains
13. The Federal Law that prohibits the sale of animal parts across state lines is the:  
 A. Dingell-Johnson Act B. Pittman-Robertson Act C. Lacey Act D. CREP Program
14. By the early 1900's what had decimated the diving duck populations along the Atlantic seaboard?  
 A. Unregulated hunting B. Habitat loss C. Oil Spills D. All of the above
15. During the post breeding molt, \_\_\_\_\_ molt first?  
 A. Males B. Females C. Sex does not matter D. Birds do not molt after breeding
16. An example of a mast tree is  
 A. Chestnut B. Oak C. Hickory D. All are correct E. None are correct
17. The top speed of a black bear is \_\_\_\_\_ MPH.  
 A. 30 B. 65 C. 15 D. 19
18. Which of the following programs pays farmers to set land aside to enhance wildlife?  
 A. C.R.E.P. B. W.I.L.D. C. F.F.W.D. D. H.U.N.T.
19. How far can a skunk shoot its musk?  
 A. 3 feet B. 6 feet C. 9 feet D. 12 feet
20. What is the largest member of the deer family in North America?  
 A. Moose B. Black tail C. Elk D. Antelope
21. A turkey hen will lay approximately \_\_\_\_\_ eggs when nesting?  
 A. 4-5 B. 30-40 C. 20-30 D. 8-15
22. In \_\_\_\_\_, several old hen turkeys and their young form large flocks – perhaps 40 or more birds.  
 A. Winter B. Spring C. Summer D. Fall
23. \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_ prey upon nesting hens in PA.  
 A. Coyotes, wolves and Mt. Lions B. Foxes, bobcats, and great horned owls C. Eagles, crows and vultures
24. Porcupines have litters that contain how many offspring? A. 1 B. 3 C. 6 D. 8 to 10

25. Young beavers are called?  
 A. Kits                      B. Pups                      C. Whelps                      D. cubs
26. What special adaptation do porcupines have to keep them afloat in water?  
 A. 4 layers of fat      B. Hollow quills      C. Webbed footing      D. 3 lungs
27. Otter belong to the \_\_\_\_\_ family.  
 A. Weasel                      B. squirrel                      C. deer                      D. Rodent
28. Hunter education should emphasize:  
 A. Firearm safety      B. Hunter Ethics                      D. Hunter –landowner relations                      E. All of the Above
29. Which of the following is polygamous?  
 A. Whitetail Deer                      B. Wild turkey                      C. Ring Neck Pheasant                      D. All of the Above
30. A mammal that often causes property damage specifically to lawns is the \_\_\_\_\_.  
 A. Deer                      B. Opossum                      C. Skunk                      D. All of the Above
31. PA's Wildlife programs are funded through  
 A. PA Citizens                      B. Donations                      C. Hunting License Sales                      D. Tax Dollars
32. Pheasants are \_\_\_\_\_ in their food choices.  
 A. Carnivorous                      B. Omnivorous                      C. Scavengers                      D. None of the Above
33. Woodcocks are \_\_\_\_\_ in their food choices.  
 A. Carnivorous                      B. Herbivorous                      C. Omnivorous                      D. None of the Above
34. Shrews belong to the order \_\_\_\_\_, which is a diverse group of very primitive placental mammals.  
 A. Rodentia                      B. Insectivora                      C. Sciuridae                      D. Cervidae
35. The process by which marshland becomes forested is known as \_\_\_\_\_.  
 A. Diversion                      B. Progression                      C. Succession                      D. Revision
36. Which of the herons is our largest dark heron?  
 A. Great blue heron      B. Green heron                      C. Great egret                      D. Black-crowned night heron
37. Which of the hawks is the most common?  
 A. Shinned                      B. red shouldered                      C. Sparrow                      D. Red tailed
38. In the eastern part of PA the best place to observe migrating raptors is:  
 A. Susquehanna River      B. Hawk Mountain                      C. Middle Creek                      D. Delaware River                      E. All of the Above
39. An otter is propelled underwater by:  
 A. Side to side motion      B. Up and down motion of the Body                      C. Motion of the tail and feet                      D. All of the above
- A. Is True                      B. Is False
40. True or False      Wood chucks have the ability to climb trees.
41. True or False      In skunks males average about 15 pounds heavier then females
42. True or False      The size of a flycatcher determines what they will eat, which is called feeding stratification.
43. True or False      The name sparrow means flutterer.
44. True or False      Raccoons average 4 young to a litter
45. True or False      Snowy owls usually are only in PA to find a food source.
46. True or False      Bears mate in the Spring.
47. True or False      Female Foxes are called vixens
48. True or False      PA bobcats have weighed as much as 45 pounds
49. True or False      PA opened a Mountain Lion season in Units 3A and 3B for the 2011-2012 season
50. True or False      The PA Fish Commission is responsible for enforcing laws concerning migratory water fowl in PA

2012 State FFA Wildlife Judging Exam

True is A and False is B

1. True or False Only lead shot is permitted to hunt water fowl.
2. True or False Dove season is controlled by the Federal Government not the PAGC.
3. True or False Wood cocks are classified as a migratory bird.
4. True or False Black bears top speed is 45 mph.
5. True or False Bears mate in the summer months.
6. True or False The Great horned owl only migrates through PA.
7. True or False The breeding season for deer called strutting is in January to February
8. True or False A male chipmunk has no role in raising of the young.
9. True or False Foxes usually breed in: September
10. True or False Red foxes have a very distinguishing red tip on the end of their tails.
11. Which of the following would benefit most from clear cut timber harvesting?  
a. whitetail      b. mourning dove      c. squirrel      d. ring neck pheasant
12. The favored tree species of beavers is:  
a. oak      b. hickory      c. aspen      d. dogwood
13. PA's 19,900 dove hunters harvested some \_\_\_\_\_ doves in 2011?  
a. 5,000      b. 100,000      c. 225,000      d. 1,250,000
14. Which of the following is not required to become a WCO in Pennsylvania?  
a. resident of PA      b. 21 years old      c. drivers license      d. Be bilingual
15. Which are part of the mustelids family?  
a. weasel      b. Mink      c. otter      d. all of the above
16. The mallard is classified as a \_\_\_\_\_ duck?  
a. puddle      b. dabbling      c. both a and b      d. neither a or b
17. Porcupines are solitary in \_\_\_\_\_.  
a. winter      b. summer      c. spring      d. fall
18. Young doves are called \_\_\_\_\_.  
a. squabs      b. poults      c. pullets      d. preens
19. Which of the following can be hunted on Sundays year round?  
a. bobcat      b. Crows      c. wood chuck      d. none of the above
20. On average skunks will bear \_\_\_\_\_ offspring .  
a. 1-3      b. 5-7      c. 8-10      d. 10-12
21. Which of the following is part of the Rodent family?  
a. beaver      b. Porcupine      c. wood rat      d. all of the above
22. Raccoons are \_\_\_\_\_ - spending most of their daylight hours in trees.  
a. diurnal      b. nocturnal      c. distemper      d. none of the above
23. Which is a member of the marsupial family?  
a. opossum      b. beaver      c. nutria      d. eastern wood rat
24. Which of the following animals has a hunting season from Sept. 1 to March 31?  
a. crow      b. Bobcat      c. Wood cock      d. porcupine
25. Which of the following is not considered a big game animal in PA?  
a. turkeys      b. elk      c. bear      d. all are considered big game
26. who is the executive director of the PA Game Commission?  
a. Ralph Martone      b. Carl Roe      c. Carl Graybill      d. Ron Paul
27. The process by which marshland gradually becomes forested is known as \_\_\_\_\_.  
a. diversion      b. progression      c. succession      d. revision
28. The black squirrel is a color phase of what other PA Squirrel?  
a. fox      b. gray      c. red      d. flying

- a. ringneck pheasant      b. starlings      c. Norway rat      d. all of the above
30. Because deer mice eat seeds, berries, buds, beetles, caterpillars and carrion they are classified as \_\_\_\_\_.
- a. herbivorous      b. carnivorous      c. omnivorous      d. scavengers
31. Prolific means..
- a. highly reproductive      b. hairy      c. land dwelling      d. cold blooded
32. A buck is a male deer, it is also a \_\_\_\_\_.
- a. male wild boar      b. male rabbit      c. male beaver      d. male skunk
33. Which of the following is responsible for the most species becoming endangered?
- a. killing as pest's      b. pesticides      c. habitat destruction      d. illegal killing
34. Which of the following is monogamous?
- a. coyote      b. black bear      c. cottontail rabbits      d. elk
35. The term that refers to nursing period in mammals is: a. gestation      b. parturition      c. lactation      d. progesteration
36. Which of the following is a gregarious animal?
- a. wolf      b. bobcat      c. bear      d. Canada goose
37. Which of the following diseases is a neurological and nervous disease affecting deer and elk?
- a. Lyme disease      b. white nose syndrome      c. avian Influenza      d. Chronic Wasting Disease
38. Which of the following diseases is a spreading through the bat population of PA?
- a. Lyme disease      b. white nose syndrome      c. avian influenza      d. chronic wasting disease
39. A type of trap that kills the target animal upon capture is the \_\_\_\_\_ trap.
- a. conibear      b. box      c. coil spring      d. cable restraint
40. The federal law that prohibits the sale of animal parts across state lines is the:
- a. Duck Stamp Act      b. Pittman-Robertson Act      c. Dingell-Johnson Act      d. Lacey Act
41. With PA, wildlife was given proper legal consideration around:
- a. 1850      b. 1875      c. 1895      d. 1925
42. The highest number of skunks is found in ...
- a. forested mountains      b. farmland      c. forests      d. wetlands
43. Which of the following would benefit from delayed hay harvesting?
- a. mourning doves      b. wild turkeys      c. pheasants      d. ruffed grouse
44. The time in which an animal is most susceptible to becoming impregnated is \_\_\_\_\_.
- a. estrus      b. gestation      c. dexterous      d. post partum
45. Which of the animals is a ruminant animal?
- a. coyote      b. pheasant      c. deer      d. black bear
46. There are \_\_\_\_\_ - sub species of bobcat in the United States.
- a. 3      b. 8      c. 10      d. 12
47. In the 1800's the fisher's population declined because of ...
- a. unregulated trapping      b. timber cutting      c. a and b      d. they did not decline
48. A wood duck hen lays \_\_\_\_\_ total eggs (one per day)
- a. 6-8      b. 8-15      c. 12-18      d. 15-20
49. The first reintroduction of fishers was in PA in \_\_\_\_\_ County.
- a. Clinton      b. Tioga      c. Sullivan      d. Chester
50. Which of the following principles of wildlife management is most sound?
- a. Predator control      b. wildlife refuges      c. habitat improvement      d. stocking

## State FFA Wildlife Exam 2013

### True or False

1. Coyotes are found in every county in PA.
2. The Endangered Species Act was passed by Congress in 1973.
3. The PA game Commission was founded in 1905.
4. A deer antler is really a horn.
5. The carrying capacity of a habitat increases during winter due to exposed buds and twigs.
6. The largest rodent in Pa is the Beaver.
7. Interdigital scent glands are located on the deer's hind legs, near the knee joint.
8. Bow hunting accounts for ½ of the deer kills in PA.
9. The Pittman-Robertson Act is a federal law which established the excise tax on hunting equipment and firearms.
10. Animals Active during daylight hours are called diurnal.
11. Artificial stocking of river otters has been very beneficial to the population in PA.
12. The Pa Game Commission sets the seasons and bag limits for Doves and Canada geese.
13. The home range of an animal can vary in size according to the season of year.
14. Supplemental feeding to black bears by humans is important to their survival during winter.
15. Crossbows may only be used by disabled hunters only.
16. Large populations of porcupines are encouraged by foresters because they girdle undesirable trees.
17. Another name for the snowshoe rabbit is the cottontail.
18. The Ring neck pheasant is the only game bird of PA that is native.
19. Woodchucks have the ability to climb trees.
20. Pa has opened a mountain lion season starting in 2014-2015.
21. The Pa Game commission is in charge of management of snapping turtle, box turtles and red eared sliders.
22. Lead shot can be used for hunting water fowl if the shot is under size 8. .
23. Weasels are a member of the mustelidae family.
24. Eastern Wild turkeys can fly 40-55 mph.
25. The largest of the squirrel family in PA is the black squirrel.
26. A dove will only lay one egg per year.
27. Wood ducks prefer to nest in trees that are located above water.
28. A black bear is also known as *Odocoileus virginianus*.
29. Over half of a woodcock's diet is earthworms.
30. The striped skunk is omnivorous.

**Multiple choice**

31. A turkey's beard is a modified  
a. Feather                      b. hair                      c. gland                      d. hackle
32. What bird's puts out a call called a drum?  
a. pheasant                      b. grouse                      c. duck                      d. turkey
33. All of the following routinely eat carrion except.  
a. vulture                      b. crow                      c. red fox                      d. wild turkey
34. The owl referred to as a monkey face is the.  
a. great horned                      b. barred                      c. barn                      d. screech
35. Another name for the pigeon hawk is.  
a. red tailed                      b. kestrel                      c. merlin                      d. sharp shinned
36. The favorite tree species of beaver is.  
a. oak                      b. aspen                      c. willow                      d. river birch
37. Which of the following is a gregarious animal?  
a. wolf                      b. bear                      c. mountain lion                      d. Canada goose
38. Which of the following kills the most whitetails in a year?  
a. old age                      b. hunting                      c. disease                      d. car collisions
39. In terms of mast trees, which would probably be the most beneficial to wildlife?  
a. maple                      b. oak                      c. sycamore                      d. poplar
40. The term that refers to the nursing of animals (milk producing) period in mammals is called.  
a. gestation                      b. parturition                      c. progestoration                      d. lactating
41. What is the greatest impact of rabbit populations?  
a. predation                      b. hunting                      c. disease                      d. habitat
42. The preen gland of birds is found.  
a. Between toes                      b. breast                      c. neck area                      d. base of the tail
43. PA state bird is the  
a. wild turkey                      b. ruffed grouse                      c. ring neck                      d. robin
44. Which org. manages all of the state forests and state parks in Pa?  
a. PAGC                      b. DCNR                      c. CREP                      d. Dept. of the Interior
45. Which of the following is not a member of the canine family?  
a. coyote                      b. wolf                      c. bobcat                      d. fox
46. What is the largest member of the deer family in PA?  
a. Elk                      b. white tail                      c. black tail                      d. moose
47. Hunter education should emphasize.  
a. Firearm safety                      b. hunter ethics                      c. land owner relations                      d. all of the these
48. Which of the following principles of wildlife management is most sound?  
a. Predator control                      b. wildlife refuges                      c. habitat improvement                      d. stocking
49. Prolific means.  
a. Highly reproductive                      b. hairy                      c. land dwelling                      d. cold blooded
50. Which of the following is also known as "wapiti"  
a. Elk                      b. bobcat's                      c. deer                      d. ruffed grouse