

2021 FFA Wildlife CDE Exam (Mammal, Bird, Fish, Reptiles and Amphibians)

Record your answers in the exam section of the e-scansheet

Mammals

- 1) This species lives in pine forest?
 - A) Fisher
 - B) Pine Martin
 - C) Porcupine
 - D) All of the above

- 2) These small mammals are known for carrying the tick that transmits Lyme's disease?
 - A) Shrew
 - B) Meadow vole
 - C) Star-nosed Mole
 - D) Deer Mouse

- 3) After being extirpated from the state these animals were reintroduced into northern Minnesota?
 - A) Gray wolf
 - B) Snowshoe Hare
 - C) Black bear
 - D) Elk

- 4) This species of mammal spends the winter actively making tunnels under the snow?
 - A) Virginia Opossum
 - B) Meadow Vole
 - C) Flying Squirrel
 - D) Beaver

- 5) Populations of Pine Martin were affected by?
 - A) Pesticide use.
 - B) Changes in how grain is stored
 - C) Logging practices
 - D) All of the above

- 6) The young of this animal stay with their mother for up to a year?
 - A) Fox squirrel
 - B) Bobcat
 - C) Shrew
 - D) Coyote

- 7) Chronic Wasting Disease is associated with what animal?
- A) White-tailed Deer
 - B) Gray wolf
 - C) Eastern Cottontail
 - D) White Footed Mouse
- 8) What species can best be described an omnivore?
- A) Moose
 - B) Virginia Opossum
 - C) Mink
 - D) Jackrabbit
- 9) Which of these bests describes the habitat of a Flying Squirrel?
- A) Rocky cliffs
 - B) Open grasslands
 - C) Mixed woodland
 - D) Fast moving stream
- 10) While in possession of a firearm you when can you use artificial light to hunt for deer?
- A) For two hours after sunset
 - B) During the fall hunting season
 - C) Never
 - D) A and B

Birds

- 11) Late spring snows can be hard on migrating insect eating birds, such as?
- A) Purple Martin
 - B) House Sparrow
 - C) Northern Cardinal
 - D) Both A and B
- 12) The daily bag limit for fall turkey is?
- A) 1
 - B) 5
 - C) 6
 - D) 20

- 3) Which of these birds nest on the ground?
- A) Woodcock
 - B) Sandhill Crane
 - C) Short-eared Owl
 - D) All of the above
- 14) What best describes a red-winged blackbird's habitat?
- A) Marshes and lake edge.
 - B) Dense, wet forest.
 - C) Open prairie
 - D) Forest clearing.
- 15) Osprey have specially adapted feet that allow them to catch their main prey, which is?
- A) Flying birds
 - B) Fish
 - C) Insects
 - D) Small mammals
- 16) Which bird has offspring that require several weeks of care in the nest after they hatch?
- A) Osprey
 - B) Woodcock
 - C) Wood duck
 - D) Northern Shoveler
- 17) In flight Trumpet swans can be identified by?
- A) Black wingtips
 - B) Black tail tips and yellow beak
 - C) All white feathers and black beak
 - D) None of the above
- 18) You may have lead shot in your possession to harvest?
- A) Mallards and Canvasback
 - B) Pheasant and Sandhill Cranes
 - C) American coots and Ring-necked duck
 - D) Woodcock and Spruce Grouse
- 19) Humans helped restore populations of this species by installing nesting boxes.
- A) Common Snipe
 - B) Ruffed Grouse
 - C) Eastern Bluebird
 - D) Northern Pintail

- 20) When can an unlimited number of crows can be harvested?
- A) During the open hunting season
 - B) All year long
 - C) When they are causing damage
 - D) A and C

Fish

- 21) Which fish is a bottom feeder that specializes in invertebrates and mussels?
- A) Yellow perch
 - B) Freshwater Drum
 - C) Smallmouth Bass
 - D) Bigmouth Buffalo
- 22) Native rough fish include?
- A) Carp and Buffalo Fish
 - B) Gar and Pumpkinseed Sunfish
 - C) Paddlefish and Creek Chub Minnow
 - D) White sucker and Buffalo Fish
- 23) This fish has a soft, cartilaginous skeleton and five rows of boney scutes.
- A) Shiner minnow
 - B) Lake Sturgeon
 - C) Channel catfish
 - D) Brown trout
- 24) This fish can survive in low oxygen waters by gulping air at the surface.
- A) Rock Bass
 - B) Rainbow Trout
 - C) Long-nose Gar
 - D) White Crappie
- 25) Coho salmon prefer a habitat of?
- A) Deep, cold lakes
 - B) Shallow, warm, weedy lakes
 - C) Fast moving rivers
 - D) Shallow, warm streams

- 26) The diet of the white crappie is best described as?
- A) Other fish, frogs and ducklings
 - B) Minnows, insects, snails
 - C) Only smelt
 - D) The skin and blood of other fish
- 27) The possession limit for bullheads is?
- A) 10
 - B) 20
 - C) 40
 - D) 100
- 28) You may take Lake Superior steelhead trout that bear this mark?
- A) A clipped tailfin
 - B) A clipped adipose fin
 - C) A red fin tag
 - D) Both A and C
- 29) What best describes the spawning habits of the green sunfish?
- A) Males guard the nest in sandy shallows.
 - B) Females build nests in deep cold rivers.
 - C) Pairs or groups of fish spawn together in late winter, over gravel bottoms.
 - D) Females lay eggs along warm, muddy river banks.
- 30) Statewide Largemouth Bass are catch and release only from May 15-May 28th?
- A) True
 - B) False

Reptiles and Amphibians

- 31) A minimum shell length of 12 inches is required for the possession of which species?
- A) Painted Turtle
 - B) Spiny Soft-shell Turtle
 - C) Snapping Turtle
 - D) B and C
- 32) This snake is known bluff rattle when threatened?
- A) Bull Snake
 - B) Milk Snake
 - C) Eastern Hognose Snake
 - D) Common Garter Snake

- 33) Which animal is dependent on standing water for part of its life-cycle.
- A) Eastern Hognose Snake
 - B) Blue Spotted Salamander
 - C) Prairie Skink
 - D) Six-lined Racerunner
- 34) Which of these frogs starts calling the earliest in the spring?
- A) Mink Frog
 - B) Boreal Chorus Frog
 - C) Green Frog
 - D) Northern Leopard Frog
- 35) This dark colored reptile can sometimes be seen basking on top of early spring snow?
- A) American Toad
 - B) Western Fox Snake
 - C) Common Garter Snake
 - D) Tiger Salamander
- 36) Which of these species breathe with gills as an adult?
- A) American Toad
 - B) Snapping Turtle
 - C) Mudpuppy
 - D) Red-Backed Salamander
- 37) The Canadian Toad is restricted to what part of Minnesota?
- A) Metro Area
 - B) Western Third
 - C) Area around Duluth
 - D) South Eastern Corner
- 38) What best describes the habitat for a timber rattlesnake?
- A) Rocky cliffs
 - B) Forest edge along a river
 - C) Open Prairie
 - D) Northern Pine Forest
- 39) Can you harvest frogs for bait?
- A) Yes, if you have a fishing license
 - B) Yes, if you are under age 16
 - C) Yes, if you are releasing them onto another lake
 - D) Both A and B

- 40) Minnesota has over 20 species of snake?
A) True
B) False

Insects

- 41) Transportation of firewood is one of the main ways this invasive species spreads?
A) Alderfly
B) Carpenter Ant
C) Emerald Ash Borer
D) House Fly
- 42) The larvae of this insect feeds on milkweed?
A) Bumble Bee
B) Crane Fly
C) Grasshopper
D) Monarch Butterfly
- 43) This group of insects includes cone-headed, meadow and shield-bearing.
A) Firefly
B) Katydid
C) Boxelder Bugs
D) Carpenter Ants
- 44) Which insects live in groups with a queen?
A) Honey Bees and Carpenter Ants
B) Honey Bees and Cicadas
C) Bumble Bees and Dragonfly
D) Dobsonfly and Stonefly
- 45) These species are often indicators of good water quality?
A) Elm Sawfly and Giant Water Bug
B) Mayflies and Dobsonfly
C) Midge and Aphids
D) Bumble Bee and Alderfly
- 46) The life cycle of a damselfly is?
A) Adult damselfly gives birth
B) Egg, Adult
C) Egg, Larvae, Chrysalis, Adult
D) Egg, Nymph, Adult

47) The Minnesota DNR has been monitoring the spread of this invasive species since the 1970's?

- A) Assassin Bug
- B) Sphinx Moth
- C) Cecropia Moth
- D) Gypsy Moth

48) What best describes the habitat for a predacious diving beetle?

- A) Rocky cliffs
- B) Mixed wetland
- C) Open Prairie
- D) Northern Pine Forest

49) This group of insets are known to mimic the black and yellow colors of bees?

- A) Syrphid Flies
- B) Blow Flies
- C) Adler Flies
- D) Dragonflies

50) These insects are considered beneficial garden predators?

- A) Grasshoppers
- B) Backswimmer
- C) Rove Beetle
- D) Long-Horned Beetle

Fish & Wildlife CDE - Current Issues Exam

Record answers on the Exam 2/Team section of the e-scansheet

1. The construction of navigation dams has resulted in the decline of which of the following?
 - a. Darter
 - b. Paddlefish
 - c. Long-nosed Gar
 - d. Bigmouth Buffalo

2. Eutrophication and chemical runoff affect which of the following fish species?
 - a. Lake Sturgeon
 - b. Darter
 - c. Paddlefish
 - d. Bigmouth Buffalo

3. Warmer winters and an expanding white-tailed deer population have played a role in the decline of ____.
 - a. Elk
 - b. Pocket Gopher
 - c. Spotted Skunk
 - d. Moose

4. Which MN county would you likely encounter a Northern Pocket Gopher?
 - a. St Louis
 - b. Ottertail
 - c. Nobles
 - d. Kittson

5. Land or waterways that connect two or more elements of an animal's environment are referred to as a/an ____.
 - a. Isthmus
 - b. Bridge
 - c. Link
 - d. Corridor

6. The leading cause of death for Trumpeter Swans is ____
 - a. Poaching
 - b. Line Strikes
 - c. Lead Poisoning
 - d. Mistaken Identity

7. The MN Outdoor Legacy Fund is funded by money that is generated through ____.
 - a. Sales Tax
 - b. State General Fund
 - c. Pittman-Robertson Tax
 - d. Lottery Proceeds

8. The main factor that limits the expansion of the elk population in MN is ____
 - a. Habitat
 - b. Social Concerns
 - c. Predation
 - d. Climate Change

9. Caddisfly populations are affected adversely the most at what life stage?
 - a. Egg
 - b. Larval
 - c. Adult

10. Which of the following is not a likely cause of reduced spotted skunk populations?
 - a. Consolidation of Farms (removal of farmstead sites)
 - b. Trapping
 - c. Increased Pesticide Use
 - d. Changes in grain handling technology

11. Which type of state land is managed more for biodiversity than wildlife production/management?
 - a. WMA
 - b. AMA
 - c. WPA
 - d. SNA

12. Which state agency is responsible for managing water quantity?
 - a. DNR
 - b. MN Dept of Ag
 - c. MPCA
 - d. Board of Water & Soil Resources

13. How many non-native species are found in the Lake Superior watershed?
 - a. 75
 - b. 100
 - c. 150
 - d. 200

14. Environment & Natural Resource Trust Fund dollars come from which source?
 - a. Sales Tax
 - b. State General Fund
 - c. Pittman-Robertson Tax
 - d. Lottery Proceeds

15. Many of Minnesota's threatened dragonflies are susceptible to which activity?
 - a. Iron Mining
 - b. River Damming
 - c. Peat Mining
 - d. Deforestation

16. MN state Legislature passed the Endangered and Threatened Species law in what year?
- early 1900s
 - the 1970s
 - 2001
 - this year
17. Recognizing the need for new information that would build on the foundation of earlier surveys, the DNR launched the Minnesota County Biological Survey in what year?
- 1927
 - 1957
 - 1987
 - 2017
18. Which type of area in MN has been replaced by agricultural use or developments in over the last century.
- Forest
 - Prairie
 - Wetland
 - Urban
19. In Minnesota, we don't have species legally categorized in which area/s?
- Catastrophic
 - Endangered
 - Special Concerned
 - Threatened
20. Alaska has the highest population of wolves of any state in the U.S. What does MN rank?
- 32nd
 - 22nd
 - 12th
 - 2nd

21. This creature is listed as “Special Concern”. It was first discovered in Itasca County in 1994 and differs from the rest of the state’s similar specimens in that it has four toes on all feet instead of five.
- Skunk
 - Salamander
 - Opossum
 - Frog
22. This rare perennial plant with blueish/purple flowers was most recently found in Itasca County in 2001. At the time, the plant had been seen in only five other locations worldwide (2 in Wisc, 3 in Minn).
- Lady Slipper
 - Variegated Hosta
 - Purple Coneflower
 - Western Jacob’s Ladder
23. Which of the following is an endangered species found in MN?
- Purple Martin
 - Trumpeter Swan
 - Caddisfly
 - Dragonfly
24. Which is the correct order that shows the designations from the highest to lowest level?
- Threatened, Endangered, Special Concern
 - Endangered, Threatened, Special Concern
 - Threatened, Endangered, Special Concern
 - Special Concern, Threatened, Endangered
25. 8 issues were identified as part of the Ecological and Water Resources Division Strategic Plan. Which of these listed is not one of the issues identified in the Strategic Plan?
- Biological Diversity
 - Invasive Species
 - Sustainable Funding
 - Wind & Solar Energy