

Envirothon 2019 – Wildlife

1) In the late summer, male white-tailed deer move their antlers across a small tree to get the velvet layer off and harden the outer surface. What is the sign left behind at #3 called?

- A. **Rub**
- B. Scrape
- C. Cutting
- D. Itch

2) Scratching in leaf litter, looking for bugs and milling for seeds, this wildlife species often leaves behind a sign that it has been feeding in the area, which looks like #2. Which species was likely in the area?

- A. White-tailed Deer
- B. **Wild Turkey**
- C. Gray Squirrel
- D. Raccoon

3) Wildlife diversity can be improved by doing which of the following actions?

- A. Planting native trees and shrubs
- B. Logging, which causes stumps to sprout thousands of tree sprouts
- C. Mechanical cutting, so shrubs grow back more densely
- D. **All of the above improve wildlife diversity**

4) Identify the track labeled as #1

- A. **Raccoon**
- B. Mink
- C. Muskrat
- D. Virginia Opossum

5) You are walking through a mature hardwoods forest consisting of oak, hickory, and maple trees. You look down and notice pieces of shells and husks scattered throughout the forest floor. What are these pieces likely a result of?

- A. **Squirrels**
- B. Mourning Doves
- C. Wood Ducks
- D. Wild Turkeys

6) The pelt of a river otter must be checked in with a wildlife officer or taken to a wildlife area headquarters to receive a CITES tag. What does CITES stand for?

- A. **Convention on International Trade in Endangered Species**
- B. Conservation Information Testing for Experimental Science
- C. Certificate of International Trapping of Extirpated Species
- D. Completion of Informing the Trapping Expert Society

7) Identify the species of gamebird in the photo, labeled as #4

- A. Killdeer
- B. Least Sandpiper
- C. Marbled Godwit
- D. **American Woodcock**

8) Using the turkey foot (#5) and the spur guide, how old is the turkey?

- A. 1 year
- B. 2 years**
- C. 3 years
- D. 4+ years

9) Which Ohio canine is the only type that can climb trees?

- A. Coyote
- B. Gray Fox**
- C. Red Fox
- D. Bobcat

10) Which act became federal law that protects wildlife, and enforces civil and criminal penalties for the illegal trade of plants and animals?

- A. The Endangered Species Act
- B. The Migratory Bird Treaty Act
- C. The Pittman Robertson Act
- D. The Lacey Act**

11) Which of the following species is a venomous snake found in Ohio?

- A. Lake Erie Watersnake
- B. Eastern Copperhead**
- C. Northern Black Racer
- D. Water Moccasin

12) A box turtle is crossing the road, so you decide to pull over and move it to avoid someone hitting it with their vehicle. What direction should you place the turtle upon moving it?

- A. The direction it was going**
- B. The direction it came from
- C. Towards the nearest stream
- D. North

13) What is the most common, yet smallest owl in Ohio?

- A. Barn Owl
- B. Short-eared Owl
- C. Eastern Screech Owl**
- D. Elf Owl

14) Identify the skull, labeled as #5 of the animal that would commonly be found in this area:

- A. Skunk**
- B. Raccoon
- C. Opossum
- D. Muskrat

15) How does biological carrying capacity differ from cultural carrying capacity?

- A. **Biological is based on the number of animals an area can sustain, and cultural is the amount society will accept**
- B. Biological is based on the adequate amount of habitat for animals, and cultural is the amount humans will have to provide for animals to survive
- C. Biological carrying capacity is how many wild animals a given area can sustain, and cultural carrying capacity is how many humans a given area can sustain
- D. Biological is how the weather and ecosystems work together to affect wildlife, and cultural is how traditions and religious norms affect people

16) In 1892, the Sierra Club was developed by who?

- A. Theodore Roosevelt
- B. **John Muir**
- C. Aldo Leopold
- D. John Lacey

17) Marsh A is managed by planting buckwheat, Japanese millet, smartweed and other nutrient dense foods for wildlife and includes various shallow depths. Marsh B is managed by keeping cattails restricted to 1/3 of the marsh to provide some cover, and it has uniform depth to appear more attractive. Both marshes are the same size. Which marsh will support a greater variety of wildlife and why?

- A. **Marsh A because more food and habitat diversity is present**
- B. Marsh B because having cover is important for wildlife to hide
- C. Marsh A because wildlife will seek out the most nutrients for the effort they exert
- D. Marsh B because of it being more attractive to wildlife will naturally want to be there

18) The song of this bird is flute-like and melodious, sounding much like the phrase "E-Olay":

- A. Eastern Bluebird
- B. **Wood Thrush**
- C. Hermit Thrush
- D. Whip-poor-will

19) The term extirpated means:

- A. A species or subspecies that occurred at the time of European settlement and that has since disappeared from its entire range.
- B. A native species or subspecies threatened with extirpation from the state. The danger may result from one or more causes, such as habitat loss, pollution, predation, interspecific competition, or disease.
- C. A species or subspecies whose survival in Ohio is not in immediate jeopardy, but to which a threat exists continued or increased stress will result in it becoming endangered.
- D. **A species or subspecies that occurred at the time of European settlement and that has since disappeared from a portion of its range.**

20) What is the scientific name for coyote?

- A. **Canis latrans**
- B. Canis lupus
- C. Canis coyus
- D. Canis lotrons

21) An identifying characteristic of venomous snakes in Ohio, such as a massasauga, is which of the following?

- A. Round and dark pupils
- B. Pointed tails
- C. **Elliptical shaped pupils**
- D. Rounded snout

22) What wildlife species caused damage to the crop of corn pictured and labeled as #6 ?

- A. **Raccoon**
- B. Skunk
- C. Beaver
- D. White-tailed deer

23) What wildlife species caused damage to the crop of corn pictured and labeled as #7 ?

- A. Raccoon
- B. Skunk
- C. Beaver
- D. **White-tailed deer**

24) One of Ohio's endangered species classified in the state includes:

- A. Bobcat
- B. **Black Bear**
- C. Badger
- D. Snowshoe Hare

25) Which of the following is NOT true about Epizootic Hemorrhagic Disease (EHD)?

- A. EHD does not affect humans, nor impact the safety of consumed deer.
- B. Carcasses are often recovered near water.
- C. **EHD is spread by prions carried throughout the air.**
- D. Deer appear disoriented and show little or no fear of humans.