Assessment Questions (grades 9-12)

Lesson 3 – Humans Relating To Wildlife

1) The biosphere can best be described as
   a) a single tidal pool with a few species of hardy invertebrate animals
   b) all the interacting species of an area as well as non-living factors
   c) includes every portion of the Earth that is inhabited by life
   d) an interrelated component

2) The loss of a keystone species can cause
   a) overpopulation of a single species
   b) destruction of the ecosystem
   c) a renewed healthy ecosystem
   d) both a and b

3) The growth of the human population has caused increases in
   a) anthropogenic morbidity of wildlife
   b) habitat loss
   c) nuisance wildlife
   d) all of the above

4) Functionally extinct differs from extinction in that
   a) functionally extinct means they can only be found in zoos
   b) functionally extinct means there is not a single living individual that can reproduce
   c) functionally extinct means they can only be found in the wild
   d) none of the above

5) The U.S. endangered species Act of 1973 is significant today because
   a) The number of species in Illinois is increasing
   b) a species can move from endangered to extinct
   c) at the current rate one half of all living plants and animals will be extinct by the end of the 21st century.
   d) all of the above
6) Silver carp are notorious because they
   a) aggressively compete with other fish
   b) they injure people
   c) they jump out of the water when frightened
   d) all of the above

7) High fecundity means a species rapidly reproduces. Which of the following animals have high fecundity?
   a) pigeons
   b) elephants
   c) humans
   d) great apes

8) Decreased biodiversity in Illinois is evidenced by the extinction of which species from the state?
   a) bison, deer, rabbits, and the American marten
   b) pigeons, bison, largemouth bass, coyote
   c) bison, white-tailed jackrabbits, wolf
   d) none of the above

9) You can see bald eagles in Illinois
   a) because laws were passed to protect eagles
   b) because humans worked to protect them
   c) at Starved Rock State Park and Kickapoo State Park
   d) all of the above

10) All of the following are ways you can help wildlife except
    a) keeping your cat indoors
    b) planting a garden
    c) running your car more often
    d) recycling