

## Quiz

Name \_\_\_\_\_

Date \_\_\_\_/\_\_\_\_/\_\_\_\_

1. Which statement is **false**?
  - a. Knowing an insect's life cycle is important to managing it.
  - b. Treating the lawn for Japanese beetle grubs in mid-summer is a waste of time and money.
  - c. Most insects undergo complete metamorphosis, going through four stages: egg, larva, grub, and adult.
  - d. Spider mites, centipedes and millipedes are not insects.
  
2. **True or False:** The vast majority (>99%) of insects are considered harmless or beneficial.
  
3. When an insect carries a virus, fungi, bacteria or protozoa that is harmful to plants, the insect is said to be a(an) \_\_\_\_\_ of that disease.
  - a. Axillary
  - b. Canker
  - c. Nematode
  - d. Vector
  
4. **True or False:** Abiotic plant damage progresses over time on the host plant and on similar plants.
  
5. Butterflies, moths and skippers are in the insect order \_\_\_\_\_.
  - a. Hymenoptera
  - b. Lepidoptera
  - c. Diptera
  - d. Coleoptera

6. Beetles & weevils are in the insect order \_\_\_\_\_.
- a. Hymenoptera
  - b. Lepidoptera
  - c. Diptera
  - d. Coleoptera
7. Which is the largest order of insects, containing thousands of different species?
- a. Hymenoptera
  - b. Lepidoptera
  - c. Diptera
  - d. Coleoptera
8. Which insect is **not** a true bug?
- a. Ladybug
  - b. Stink bug
  - c. Assassin bug
  - d. Squash bug
9. Which of the following is an insect (circle all that apply)?
- a. Spider
  - b. Tick
  - c. Pillbug
  - d. Millipede
  - e. None of the above

10. Which is **not** an acceptable method of submitting an insect specimen for identification to the Plant Disease and Insect Clinic at NC State University?
- a. Grubs: Alive in soil in a plastic bag
  - b. Caterpillars: Jar filled with 70% alcohol
  - c. Butterflies: Kill jar containing nail polish remover fumes
  - d. An in-focus photo of insect with scale item like a coin