

Entomology CDE Senior Sample Quiz

1. In which life stage do ground beetles overwinter?
 - a. Egg
 - b. Larval
 - c. Pupal
 - d. Adult

2. Other than clear, freshwater streams, where is good place to look for adult giant water bugs in the summer?
 - a. During the day
 - b. Under street lights at night
 - c. On flowers
 - d. Buried in the soil

3. What do hackberry psyllids cause that is unsightly?
 - a. Holes in ground
 - b. Holes in bark of trees
 - c. Galls
 - d. Holes in leaves

4. What order do horntails belong to?
 - a. Coleoptera
 - b. Hemiptera
 - c. Lepidoptera
 - d. Hymenoptera

5. Where do female horse flies lay their eggs?
 - a. In rotting flesh
 - b. On vegetation near water
 - c. In homes
 - d. In the bark of trees

6. Indian meal moths are pests of _____.
 - a. turfgrass
 - b. ornamental plants
 - c. stored foods
 - d. oak trees

7. How many generations of lady beetles occur per year?
 - a. One
 - b. Two
 - c. Five to six
 - d. More than ten

8. What color is the thorax of a locust leafminer?
 - a. Brown
 - b. Blue
 - c. Black
 - d. Orange

9. Where are longhorned beetles most commonly found?
 - a. Sitting on flowers
 - b. In decaying trees
 - c. In homes
 - d. In corn fields

10. What is unusual about the mayfly lifecycle?
 - a. The immature is only visible for a day.
 - b. The adult only lives for one or two days.
 - c. There is no larval stage.
 - d. The adult is also aquatic.

11. Midges belong to the order _____.
 - a. Lepidoptera
 - b. Diptera
 - c. Neuroptera
 - d. Anoplura

12. What is the pest status of mud dauber wasps?
 - a. They are never considered pests.
 - b. They are pests of livestock.
 - c. They are pests of the hardwood industry.
 - d. They are nuisance pests because they may sting.

13. Adult northern corn rootworms cause damage by _____.
 - a. feeding on corn silks
 - b. boring into corn stalks
 - c. eating corn root systems
 - d. eating soybean root systems

14. Oystershell scales overwinter as _____.
 - a. eggs
 - b. larvae
 - c. crawlers
 - d. adults

15. Which of the following insects can deliver a painful bite?
 - a. Luna moth
 - b. House fly
 - c. Bumble bee
 - d. Robber fly

16. The wing covers of rove beetles are _____.
- a. longer than the abdomen
 - b. shorter than the abdomen
 - c. absent
 - d. brightly colored
17. Seedcorn beetles are usually in high numbers in which type of weather?
- a. Warm and dry
 - b. Cool and wet
 - c. Cool and dry
 - d. Warm and stormy
18. How many spots do spotted cucumber beetles have on each wing cover?
- a. 4
 - b. 6
 - c. 8
 - d. 10
19. What structure do male stag beetles use to fight rivals?
- a. Mandibles
 - b. Antennae
 - c. Legs
 - d. Elytra
20. Where do female sweat bees lay their eggs?
- a. Under leaves
 - b. In burrows in the soil
 - c. In a host insect
 - d. In decaying animal matter

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