

Answer Sheet

Part One: Specie Identification

1. Sea Lamprey (*Petromyzon marinus*)
2. Whitetop (*Lepidium draba*)
3. Oak Wilt (*Ceratocystis fagacearum*)
4. Glassy-Winged Sharpshooter (*Homalodisca vitripennis*)
5. Water Hyacinth (*Eichhornia crassipes*)
6. Houndstongue (*Cynoglossum officinale*)
7. Asian Citrus Psyllid (*Diaphorina citri*)
8. Caulerpa, Mediterranean Clone (*Caulerpa taxifolia*)
9. Sea Squirt (*Didemnum vexillum*)
10. Air Potato (*Dioscorea bulbifera*)
11. Bluetongue Virus (*Orbivirus*)
12. Pink Bollworm (*Pectinophora gossypiella*)
13. Rock Snot (*Didymosphenia geminata*)
14. Chilli Thrips (*Scirtothrips dorsalis*)
15. Black Carp (*Mylopharyngodon piceus*)
16. Mediterranean Fruit Fly (*Ceratitis capitata*)
17. Kudzu (*Pueraria montana* var. *lobata*)
18. Bird Flu (H3N3) also accept Influenza
19. Eurasian Waterfilmoil (*Myriophyllum spicatum*)
20. Silverleaf Whitefly (*Bemisia argentifolii*)
21. Musk Thistle (*Carduus nutans*)
22. Lionfish (*Pterois volitans*)
23. Dutch Elm Disease (*Ophiostoma*)
24. Zebra Mussel (*Dreissena polymorpha*)
25. Princess Tree (*Paulownia tomentosa*)

Part Two: Specie Questions

1. Lake Ontario
2. 3,000 seeds
3. Texas, Oklahoma, Kansas, Nebraska, Iowa, Minnesota, Wisconsin, Michigan, Missouri, Ohio, Pennsylvania, Kentucky, Tennessee, Arkansas, West Virginia, Virginia, South Carolina, North Carolina, Illinois, and Maryland are all acceptable.
4. Nursery Stock
5. Forms dense colonies that block sunlight and crowd out native species.
6. South
7. Nine to ten generations
8. Fishing and boating activities/hitchhiking on boats
9. Humans
10. Cultivated as a possible food crop and ornamental
11. Milk Production
12. India

13. Through contaminated fishing gear
14. 2
15. Grass Carp
16. 1929; Florida
17. South
18. Influenza
19. Autumn
20. Wasp
21. All 50 States
22. False
23. Introduced accidentally on diseased logs imported from Europe.
24. Bio-fouling
25. Polk

Part Three: Miscellaneous Questions

1. 10
2. 42
3. C
4. Intentional and Non-Intentional
5. Biodiversity
6. Causing disease, Acting as predators or parasites, Acting as competitors to native species, Altering Habitats
7. Invasion Meltdown
8. 7
9. A manipulation of the habitat environment to increase pest mortality or reduce rates of pest increase and damage.
10. Integrated Pest Management (Accept IPM)
11. Non-risky
12. May kill native species
13. The 100th Meridian Initiative
14. The Lacey Act
15. 137 billion
16. Myocastor Coypus
17. 1869
18. Cactus Moth
19. East Africa; Southeastern Asia
20. Bighead Carp, Black Carp, Grass Carp, Silver Carp
21. Quagga Mussel
22. China and Japan
23. Old World Climbing Fern
24. Melaleuca and Caulerpa, Mediterranean Clone
25. Introduced as an ornamental

Tiebreaker

-Catching the infestation early

- Whether or not the species is mobile
- How rapidly the specie reproduces
- How vulnerable the invasive is to control (Is it tolerant to pesticides? Will it grow back?)