

# Invasive Species Practice Exam

Name: \_\_\_\_\_ Name: \_\_\_\_\_

## Instructions

[Type the test instructions here. For example, instruct students to read each question carefully and then print the letter of the correct answer next to the question.]

## Part I: Multiple Choice

- 1) \_\_\_\_\_ **Select the true statement about control methods:**
- a. Environmental damage plays the only role in deciding to eradicate an invasive species
  - b. The best control method is to completely eradicate an invasive population
  - c. Past a certain point, eradication is almost impossible
  - d. Most control relies on the ability to lower invasive population once it has become dangerous to the environment
- 2) \_\_\_\_\_ **Rank the following areas as a large area of marine invasive species (1), a medium area of marine invasive species (2), or a small area of marine invasive species (3)**
- \_\_\_\_\_ Mediterranean
  - \_\_\_\_\_ Baltic Sea
  - \_\_\_\_\_ East Coast off the tip of South America
  - \_\_\_\_\_ Eastern Coast of India
  - \_\_\_\_\_ Western Coast of India
  - \_\_\_\_\_ West Coast off the tip of South America
  - \_\_\_\_\_ North West Coastline of the United States
  - \_\_\_\_\_ Southern Tip of Africa
- 3) \_\_\_\_\_ **Match the Control methods with the likely side effects**
- a. Biological \_\_\_\_\_ May miss removing some of the invasive species
  - b. Chemical \_\_\_\_\_ Apathy and lack of awareness
  - c. Physical \_\_\_\_\_ May kill native species
  - d. Prevention \_\_\_\_\_ Control species can become invasive

4) \_\_\_\_\_ **Which piece of legislation directs Federal agencies to conduct activities related to invasive species prevention?**

- a. The Lacy Act
- b. The Federal Noxious Weed List
- c. Executive Order 13112
- d. NISA

5) \_\_\_\_\_ **Which piece of legislation conducts and deals with national ballast water management?**

- a. The Lacy Act
- b. The Federal Noxious Weed List
- c. Executive Order 13112
- d. NISA

## **Part II: Vectors or Modes for Invasive Species**

1) **Label each vector as Intentional Release (1) or accidental release (2)**

- \_\_\_\_\_ Timber/Unprocessed wood
- \_\_\_\_\_ Ornamental Plants
- \_\_\_\_\_ Domesticated animals
- \_\_\_\_\_ Birds and mammals for hunting
- \_\_\_\_\_ Fruit Shipments
- \_\_\_\_\_ Released Pets and Pet Trade
- \_\_\_\_\_ Cars and Planes
- \_\_\_\_\_ Hitchhikers with Produce
- \_\_\_\_\_ Plants for Forestry
- \_\_\_\_\_ Ballast Water in Ships
- \_\_\_\_\_ Release of lab animals or plants by scientists or researchers
- \_\_\_\_\_ Cultural Purposes
- \_\_\_\_\_ By-pass natural barriers

## **Part III: Invasive Species**

1)



- a. What is the scientific and common name of the invasive species
- b. Where is this species native to?
- c. Method of introduction:
- d. What is the danger of these plants to other native plants?

2)



- a. What is the scientific and common name of this species?
- b. Where is the current invasive distribution of this species?
- c. What effects does this species have on other species in the area?

- d. True or False: This species was first introduced from Lake Ontario.

3)



- a. What is the scientific and common name of this species?
- b. What is the impact of the species?
- c. Where and when they introduced from?
- d. What unusual chaotic effect do these species have on humans and why?

4)



- a. What is the scientific and common name of this species?

- b. When was this invasive species introduced?
- c. What are the impacts of native species?
- d. What were the means of introduction?
- e. What containment measures have been taken to stop this species?

5)



- a. What is the scientific and common name of this species?
- b. What is the reproductive mechanisms of this plant?
- c. Why was this plant introduced?
- d. What threats does this plant pose to other species?
- e. What current threats does this have?

6)



- a. What is the scientific and common name of this species?
- b. What vector is associated with this species?
- c. What does this organism do to its host?
- d. Where and how did this originate from?
- e. What type of organism is this?

7)



- a. What is the scientific and common name of this species?
- b. True or False: This plant was introduced from Asia in the 1930's.

- c. How far can this plant grow in one season?
- d. How does it harm other plants and trees?
- e. Is this safe to handle?
- f. What is an easy way to eliminate this plant from an area?

8)



- a. What is the scientific and common name of this species?
- b. What is the main method of transmission for this species?
- c. What is a simple way to prevent the spread of this species?
- d. Where is this native to?