Module 6: Agri-Systems Across the City-Rural Gradient
Lesson B Quiz

Climate Smart Growing Spaces

QUIZ LINK:
Module 6 Lesson B Quiz - Responder Link

Multiple choice

What is the correct definition of passive heat distribution?
A. A system of heat lamps controlled by timers to warm greenhouse crops overnight
B. The use of heated water pumped through radiators powered by diesel generators
C. Manually placing hot bricks inside greenhouses each night to retain warmth
D. Small solar powered fans which move compost air through under-bench tubing

How much does pulse drip irrigation save?
A. 30%
B. 10%
C. 35%
D. 20%

Which is NOT a feature of rural renewable dryland farming?
A. Cloud data and remote control
B. Wind powered pump
C. Heated concrete planting beds
D. Soil moisture probe

Which is a social impact of urban farms?
A. Hyper-local farming can improve dietary health in under-served neighborhoods.
B. Urban farms increase industrial crop exports to foreign markets
C. They primarily serve as storage areas for imported fertilizer supplies
D. Urban farms are designed to reduce traffic congestion during rush hour

Urban closed loop micro farm cuts water and waste by ____:
A. 50%
B. 35%
C. 60%
D. 40%

Which of the following are climate smart agriculture goals?
A. Maximize fertilizer use, expand monocultures, increase export volume
B. Increase productivity, enhance resilience, reduce greenhouse emissions
C. Prioritize aesthetics, reduce farm labor, eliminate crop diversity
D. Replace natural pollinators with drones, focus only on high-income markets, increase irrigation runoff

Which of the following best describes a feedback loop in agriculture or climate systems?

A. A process where an initial change causes effects that either reinforce or reduce that change over time
B. A method for collecting customer reviews about farm produce
C. A government form farmers fill out to request subsidies
D. A routine for checking tractor engine performance each season

Short Answer

Describe two core goals of climate smart agriculture, and briefly explain the benefits they will provide.

Answer Should:

- Clearly identify **two core goals** mentioned from the beginning of Lesson B
- Briefly explain the definitions of each goal that was provided in the lesson
- Be **2–3 sentences long**

True/False

Ideal crops for compost-heated hoop houses include slow-growing tropical fruits like mangoes and avocados, which require high heating year-round.

Short Essay

How do peri-urban hoop houses use city resources to save money and reduce waste? Give two examples and suggest one more idea of your own.

Requirements:

- Describe **two examples** of how peri-urban hoop houses use urban resources (e.g., compost heat, stormwater collection)
- Explain **how these strategies save money or reduce waste**
- Suggest **one additional urban by-product** that could be reused (e.g., brewery CO_2, shredded cardboard)
- Use relevant terms like *urban fringe*, *compost heat*, or *resource reuse*
- Be **2–3 sentences long**