

Agricultural Geography Quiz Answer Key PDF

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Which type of agriculture is primarily aimed at self-sufficiency and local consumption?

- A. Commercial agriculture
- B. Subsistence agriculture ✓**
- C. Industrial agriculture
- D. Organic farming

What is the primary focus of agricultural geography?

- A. Urban development
- B. Spatial distribution of agriculture ✓**
- C. Industrial production
- D. Climate change

Which of the following is a characteristic of intensive agriculture?

- A. Low input and labor
- B. High yield per area ✓**
- C. Large land area
- D. Minimal use of technology

Explain how topography can affect agricultural practices in a region.

Topography can affect agricultural practices in a region by influencing factors such as soil erosion, water availability, and sunlight exposure, leading to variations in crop types, planting methods, and irrigation strategies.

Which of the following are common practices in organic farming? (Select all that apply)

- A. Use of synthetic chemicals

- B. Natural pest control ✓**
- C. Crop rotation ✓**
- D. Genetically modified organisms

Which agricultural practice involves growing two or more crops in proximity?

- A. Monoculture
- B. Intercropping ✓**
- C. Hydroponics
- D. Aquaculture

Which of the following are characteristics of commercial agriculture? (Select all that apply)

- A. Large-scale production ✓**
- B. Focus on local consumption
- C. High use of technology ✓**
- D. Minimal surplus for trade

Which factor primarily influences the types of crops that can be grown in a region?

- A. Population density
- B. Climate ✓**
- C. Political stability
- D. Urbanization

In what ways can technology contribute to sustainable agricultural practices?

Technology contributes to sustainable agricultural practices through precision agriculture, which utilizes data analytics, sensors, and IoTs to optimize water usage, reduce chemical inputs, and enhance soil health, ultimately leading to more efficient and eco-friendly farming.

Which factors influence agricultural practices in a region? (Select all that apply)

- A. Soil types ✓**
- B. Cultural traditions ✓**
- C. Climate ✓**

D. Internet access

What are some effects of climate change on agriculture? (Select all that apply)

A. Alterations in crop patterns ✓

B. Increased soil fertility

C. Changes in yield ✓

D. Stable weather conditions

What is a common environmental concern associated with deforestation for agriculture?

A. Increase in biodiversity

B. Soil enrichment

C. Loss of forest ecosystems ✓

D. Improved air quality

What are some benefits of precision agriculture? (Select all that apply)

A. Increased efficiency ✓

B. Higher labor costs

C. Reduced resource waste ✓

D. Improved crop monitoring ✓

What are the environmental implications of extensive agriculture?

The environmental implications of extensive agriculture include habitat destruction, increased greenhouse gas emissions, soil degradation, and water resource depletion.

What are some challenges faced by modern agriculture? (Select all that apply)

A. Pest and disease management ✓

B. Soil degradation ✓

C. Unlimited water resources

D. Climate change ✓

Discuss the role of agricultural geography in understanding global food security.

Agricultural geography helps in understanding global food security by examining how geographical factors influence agricultural productivity, resource allocation, and food distribution systems.

Describe the impact of land tenure systems on agricultural productivity.

Land tenure systems impact agricultural productivity by influencing farmers' incentives to invest in land improvements, access to credit, and the security of their land rights, ultimately affecting crop yields and sustainability.

What was a major outcome of the Green Revolution?

- A. Decrease in crop yields
- B. Introduction of high-yield crop varieties ✓**
- C. Reduction in agricultural technology
- D. Elimination of pesticides

What is the main goal of crop rotation?

- A. Increase soil erosion
- B. Maintain soil fertility ✓**
- C. Maximize pesticide use
- D. Reduce crop diversity

How does globalization influence agricultural trade and practices?

Globalization influences agricultural trade and practices by facilitating international trade agreements, enhancing market access, and promoting the adoption of modern agricultural technologies and practices.