

PRACTICE FRQ 5.3

Agriculture Summary Review

Summary & Review

KEY ISSUE 1

Where did agriculture originate?

Before the invention of agriculture, humans were hunters and gatherers. Agriculture originated in multiple hearths and diffused to numerous places independently. Subsistence agriculture is the production of food primarily for consumption by the farmer's family. Commercial agriculture is the production of food primarily for sale off the farm. Commercial agriculture involves larger farms, fewer farmers, and more mechanization than does subsistence agriculture.

THINKING GEOGRAPHICALLY



▲ FIGURE 9-61 HORSE SCULPTURE, ASTANA KAZAKHSTAN

1. Several large sculptures honoring the horse are erected in the center of Kazakhstan's capital Astana. Why might the horse be specially honored there?

KEY ISSUE 3

Where is agriculture distributed?

The distribution of major agricultural regions is closely related to the distribution of climate regions. The principal forms of subsistence agriculture are intensive subsistence, pastoral nomadism, and shifting cultivation. Commercial agriculture in developed countries includes three principal crop-based forms (grain, Mediterranean, and commercial gardening and fruit farming) and three principal animal-based forms (mixed crop and livestock, dairy, and ranching).

THINKING GEOGRAPHICALLY



▲ FIGURE 9-63 Elderly Japanese man works in rice field.

5. Although one of the world's wealthiest countries, Japan is shown in Figure 9-13 as specializing intensive subsistence farming with wet rice dominant. The rice farming is done primarily by elderly people. Why might Japan be retaining traditional rice production despite its wealthy status?

KEY ISSUE 2

Why do people consume different foods?

What people eat is influenced by a combination of level of development, cultural preferences, and environmental constraints. Most humans derive most of their dietary energy from grains, but the amount consumed varies widely. People in developed countries consume more protein through animal products. One in 10 humans is undernourished. The percentage of undernourished people has been declining.

THINKING GEOGRAPHICALLY



▲ FIGURE 9-62 FARMERS MARKET Union Square Greenmarket, New York City.

2. Review what you have eaten today. How conscious were you of where the food was grown or raised?
3. Why or why are you not paying attention to the origin of your food?
4. Do you have access to a farmers' market or an organic grocery store? If so, do you go to it? Why or why not?

KEY ISSUE 4

Why do farmers face sustainability challenges?

Subsistence and commercial farmers are challenged to produce food in sustainable ways. The global food production system is expanding and feeding more people. The green revolution has increased production in subsistence agriculture through higher-yield seeds and expanded use of fertilizers. At the same time, demand is increasing for local and organic foods.

THINKING GEOGRAPHICALLY



▲ FIGURE 9-64 SCHOOL CAFETERIA Napa High School serves California-grown food.

6. The food services at a number of schools and universities now offer some healthy, local, and organic food choices. If yours does, why do you or don't you select these healthy and local choices? If yours does not, have you asked your school to provide healthier choices? Why have you or have you not asked?

Name: _____

Date: _____

Period: _____

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AP® HUMAN GEOGRAPHY -- SECTION II -- Time—25 minutes --- Percent of total score—100

Directions: You have 25 minutes to answer the free response portion. It is suggested that you take 5 minutes of this time to plan and outline each answer. While a formal essay is not required, it is not enough to answer a question by merely listing facts. Illustrate your answers with substantive geographic examples where appropriate. Be sure to number each of your answers, including individual parts, in this booklet as the questions are numbered below

1. HINT: None of these should be answered in one sentence.

- A. Explain** where agriculture originated from:
- B. Explain** why people consume different foods:
- C. Explain** where agriculture is distributed:
- D. Explain** why farmers face sustainability challenges: