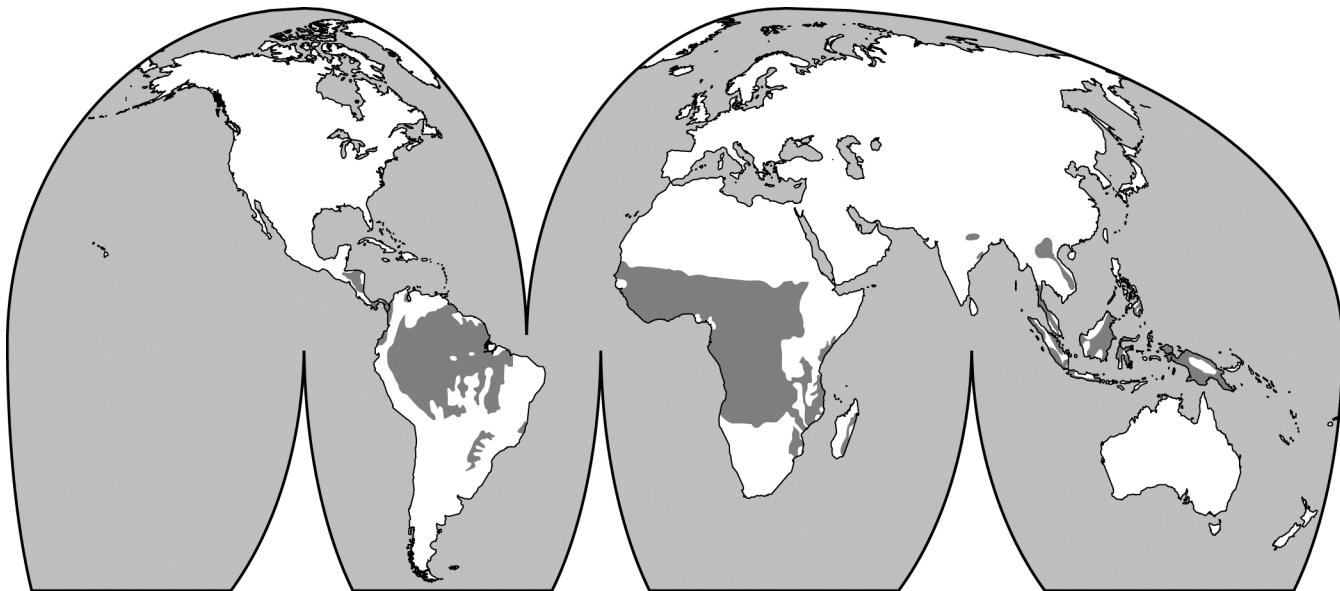


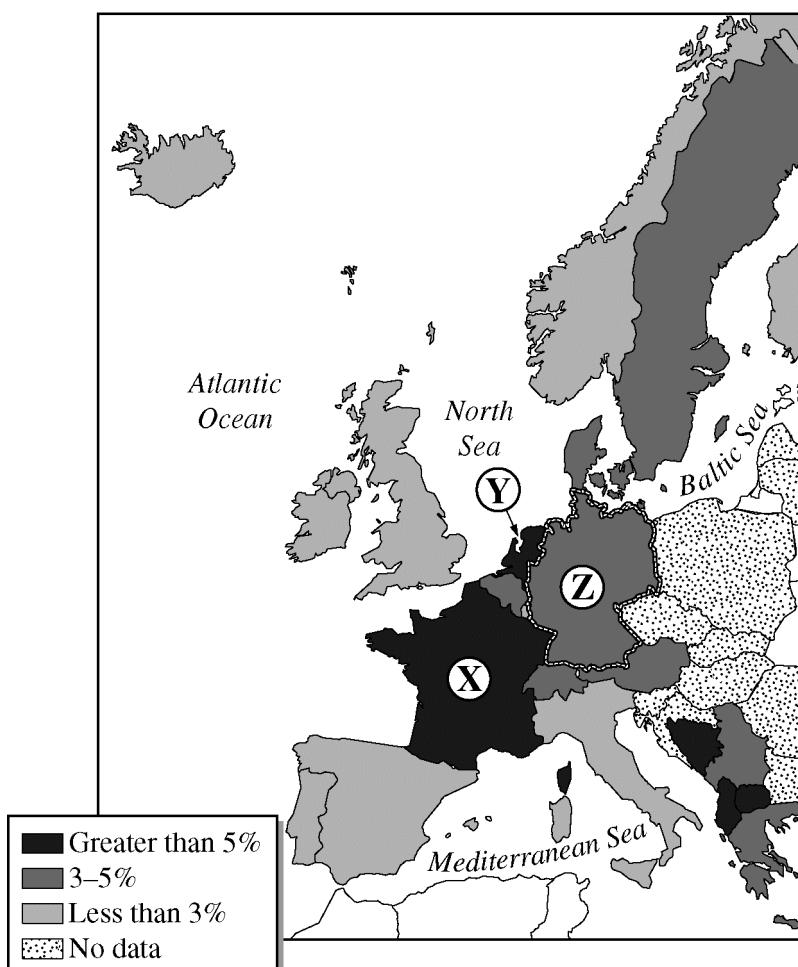
**2012 AP® HUMAN GEOGRAPHY FREE-RESPONSE QUESTIONS**



2. The map above shows areas of shifting cultivation, a form of subsistence agriculture.
- Define subsistence agriculture.
  - Describe the practice of shifting cultivation.
  - Explain one reason why shifting cultivation was sustainable in the past.
  - Explain two reasons why shifting cultivation is expected to diminish during the twenty-first century.

## 2012 AP® HUMAN GEOGRAPHY FREE-RESPONSE QUESTIONS

MUSLIMS AS PERCENT OF  
POPULATION IN EUROPE CIRCA 2006



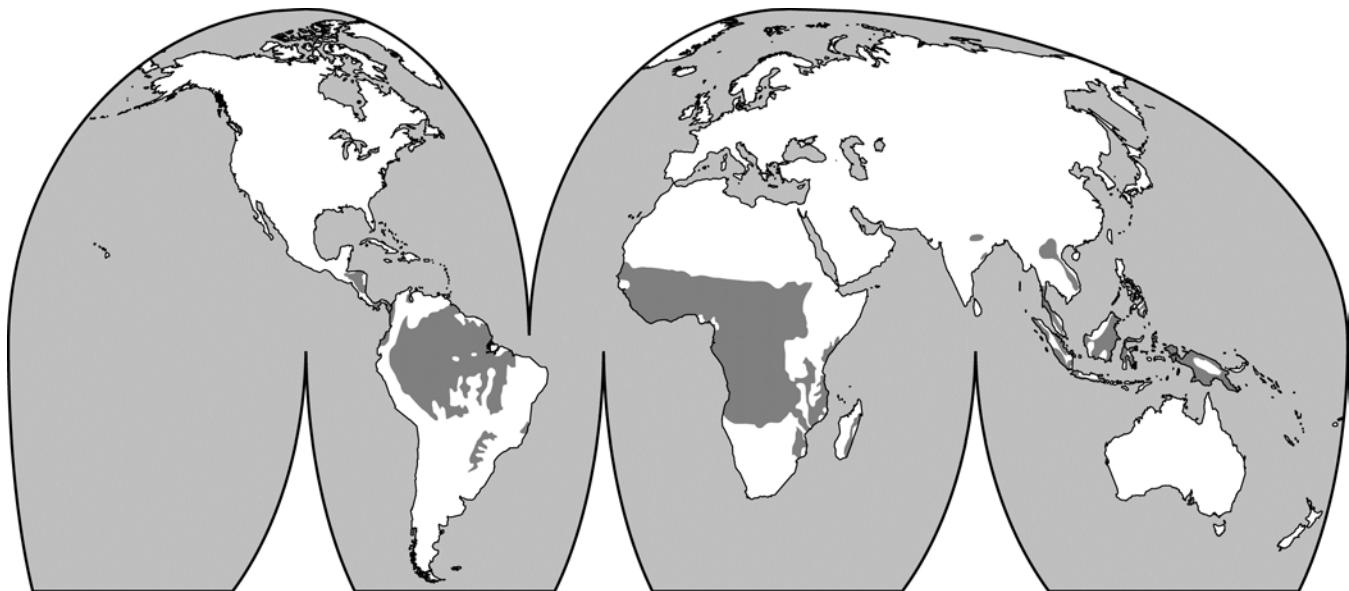
3. European countries have experienced an increase in Muslim population in recent decades. The map above shows the distribution and proportion of Muslims by country.
- Identify Countries X, Y, and Z on the map above.
  - Explain two reasons for the increase in Muslim immigration to one of these countries since 1950.
  - For the country you selected in part b, discuss the impacts of the Muslim population increase on the country's
    - urban spatial organization
    - population structure
    - social relations

**STOP**

**END OF EXAM**

**AP® HUMAN GEOGRAPHY  
2012 SCORING GUIDELINES**

**Question 2**



The map above shows areas of shifting cultivation, a form of subsistence agriculture.

**Part A (1 point)**

Define subsistence agriculture.

Any of the following is a correct response:

- Food grown for the farmer or farmer's family/kin
- Food grown for *local consumption* for village/community market
- Food NOT grown for commercial purposes/sold for revenue

*Note:* Students cannot earn this point by explaining the market alone.

**Part B (1 point)**

Describe the practice of shifting cultivation.

Students must describe all three of the following processes to earn this point:

**Clearing**  
(e.g., slash-and-burn swidden, milpa, patch, chitemene, ladang)

→    **Farming**  
(until land is no longer fertile because of nutrient depletion)

→    **Moving** (shifting) to another plot of land  
*Note:* Referencing "crop rotation" is incorrect.

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## Question 2 (continued)

### **Part C (1 point)**

Explain one reason why shifting cultivation was sustainable in the past.

Either of the following is a correct response:

- Must link *lower/smaller/less* population AND *more* available land/cultural adaptation/environmental adaptation. Note: References to global land are incorrect.
- Lower *physiologic/nutritional/agricultural* density. Note: References to lower population density are incorrect.

### **Part D (4 points)**

Explain two reasons why shifting cultivation is expected to diminish during the twenty-first century.

Reasons (2 points)	Explanation (2 points)
Technological advancements (e.g., fertilizers, hybrid seeds, pesticides)	<ul style="list-style-type: none"><li>• Leads to increased yields/food quantity</li><li>• Leads to sedentary farming</li><li>• NOT just “Green Revolution”</li></ul>
Expanding/growing population (NOT just “world population”)	<ul style="list-style-type: none"><li>• Less available land</li><li>• Higher physiologic/nutritional/agricultural density</li><li>• Reduced soil fertility owing to shortened fallow period</li></ul>
Commercial agriculture	<ul style="list-style-type: none"><li>• Profitable</li><li>• Efficient</li><li>• Plantation/agribusiness/cash cropping/ranching</li></ul>
Competing land-use activities (e.g., logging, corporate investment, other employment opportunities)	<ul style="list-style-type: none"><li>• Students must state that these occur at the expense of shifting cultivation (e.g., that they lead to environmental degradation)</li></ul>
Government/environmental policy	<ul style="list-style-type: none"><li>• Controls on deforestation</li><li>• Restrictions on land rights or usage</li><li>• Limiting carbon dioxide emissions</li></ul>

Note: Two reasons and two explanations must come from two different boxes but need NOT be connected only in the manner shown above.