AP Human Geography FRQs – Agricultural & Rural

2001 (1)

A. (i) Define the term “Green Revolution” as used from 1945 to the present.
(ii) Explain TWO principal agricultural practices/technologies associated with the green revolution.
(iii) Name TWO regions, in different parts of the world, where the green revolution has had a significant impact on crop yields.

B. Identify and discuss TWO social, political, or cultural conditions necessary for the success of the agricultural practices/technologies of the green revolution.

C. Identify and discuss TWO significant economic or ecological factors that may limit the long-term success of the agricultural practices/technologies of the green revolution.

2004 (2)

The restructuring of agriculture in the late twentieth century has had important implications for rural land use and the distribution of poultry (chicken and turkey) production in the United States as agribusiness has become increasingly more dominant.

A. List TWO factors that have increased the demand for poultry.
B. Briefly describe TWO characteristics of the present economic organization of poultry production in the United States.
C. Describe TWO features of the present geographic distribution of poultry production in the United States (as opposed to the past).

2007 (1)

1. The drawings above reflect agricultural activities in the hinterland of a large urban area.

   A. Apply the underlying principles of von Thünen’s agricultural land-use model to predict the locations of the activities shown in X and Y relative to a large urban area.

   B. Choose either activity X or activity Y and apply the underlying principles of von Thünen’s agricultural land-use model to explain the location of the activity.

   C. Discuss two factors that explain why agricultural land-use patterns today differ from those developed by von Thünen’s model in 1826.
2008 (1)

1. Von Thünen’s model of land use and Burgess’ model of land use are similar in appearance but different in their geographic setting. Analyze and discuss the two models in terms of each of the following:
   A. For each of these models, identify the type of land use the model addresses.
   B. Identify two assumptions that are shared by both models.
   C. For each of these models, explain how relative location affects land-use patterns.

2009 (3)

3. Agriculture in the United States has changed significantly in the past few decades. With respect to the past, present, and projected trends in agriculture shown in the diagram above, answer the following:
   A. First identify and then explain TWO factors contributing to the steady decline in the number of dairy farms since 1970.
   B. First identify and then explain TWO factors contributing to the increase in the number of organic farms since 1970.

2011 (2)

2. In 1798 Thomas Robert Malthus published An Essay on the Principle of Population in which he argued that population growth will inevitably outpace food production, resulting in widespread famine.
   A. Identify and explain TWO reasons why some geographers today believe Malthus’ theory can be used to predict future population issues.
   B. Identify and explain TWO reasons why some geographers today believe Malthus’ theory cannot be used to predict future population issues.