AP

AP® Human Geography
Free-Response Questions
Set 2

HUMAN GEOGRAPHY

SECTION II

Time—1 hour and 15 minutes

3 Questions

Directions: You have 1 hour and 15 minutes to answer all three of the following questions. It is recommended that you spend approximately one-third of your time (25 minutes) on each question. It is suggested that you take up to 5 minutes of this time to plan and outline each answer. You may plan your answers in this orange booklet, but no credit will be given for anything written in this booklet. **You will only earn credit for what you write in the separate Free Response booklet.**
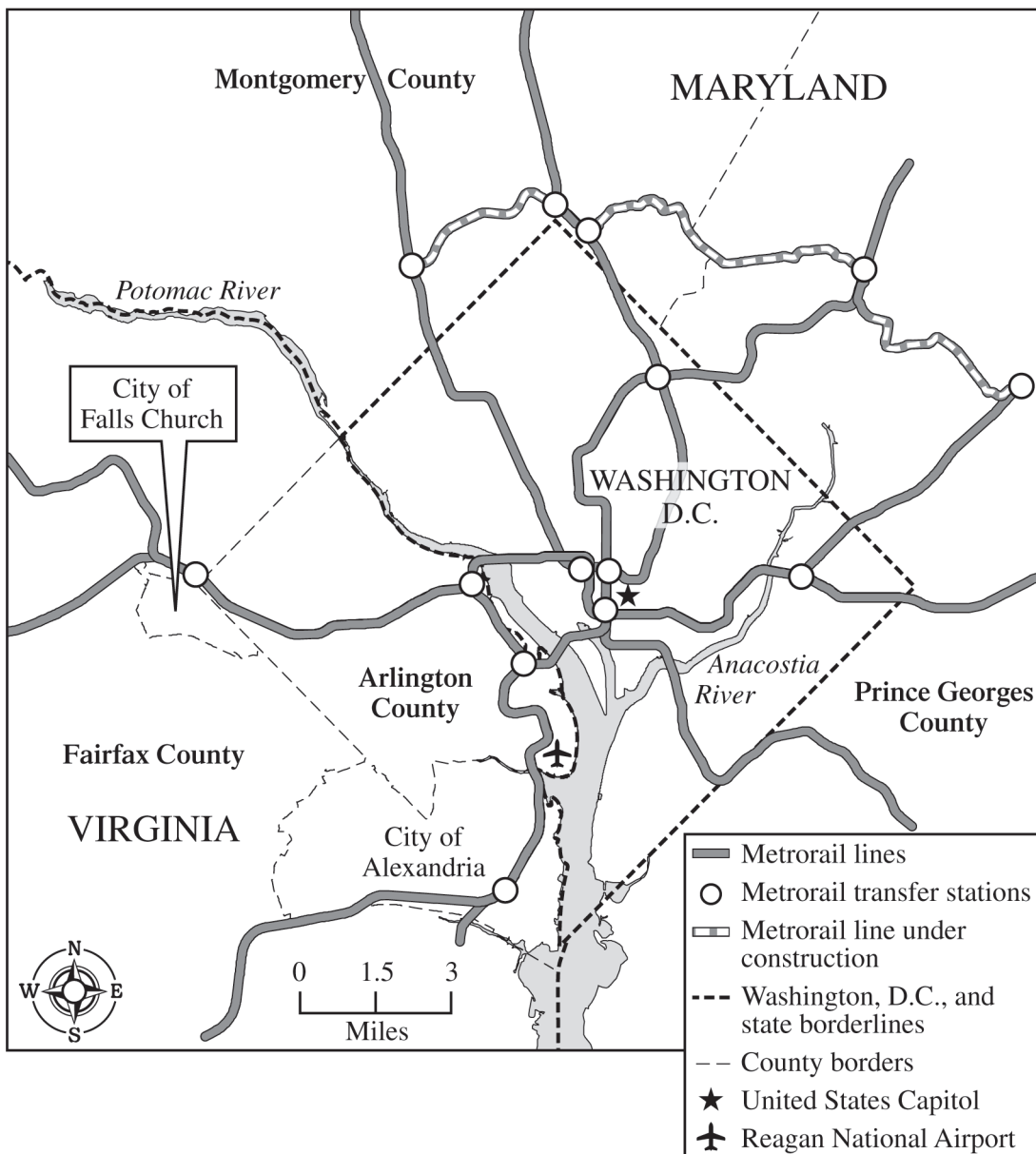
Question 1

1. The interaction of people contributes to the spread of cultural practices that change over time and vary between places. Interactions among cultures can lead to new forms of cultural expression.

    A. Describe ONE type of diffusion by which culture traits spread.

    B. Describe the process of creolization of language.

    C. Describe how the globalization of foods has influenced cultural patterns of food consumption.

    D. Explain ONE way that agricultural land use practices may have negative environmental effects.

    E. Explain how a new style of music may be created as a result of cultural diffusion from different regions.

    F. Explain how toponyms may result from the diffusion of religion across the cultural landscape.

    G. Explain the degree to which the use of indigenous languages has been influenced by colonialism. (Response must indicate the degree [low, moderate, high] and provide an explanation.)

_____

Begin your response to this question at the top of a new page in the separate Free Response booklet and fill in the appropriate circle at the top of each page to indicate the question number.

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Question 2

Washington, D.C., and Surrounding Jurisdictions

Montgomery County

MARYLAND

Potomac River

City of
Falls Church

WASHINGTON
D.C.

Anacostia
River

Arlington
County

Prince Georges
County

Fairfax County

VIRGINIA

City of
Alexandria

Legend	
▭	Metrorail lines
○	Metrorail transfer stations
▱	Metrorail line under construction
- - -	Washington, D.C., and state borderlines
– –	County borders
★	United States Capitol
✈	Reagan National Airport

0   1.5   3
Miles

N
W   E
S

Source: ESRI Data Partners

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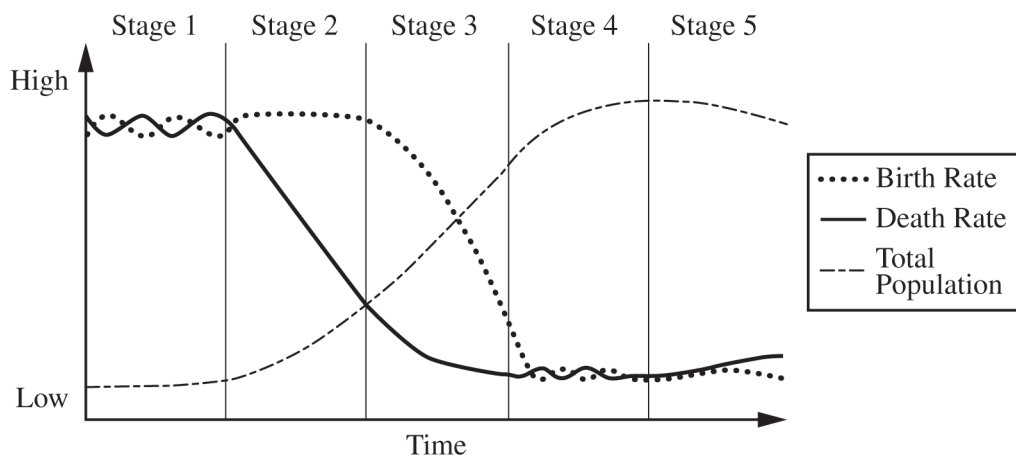
2. The map shows political jurisdictions and Metrorail, a subway system in the Washington, D.C., metropolitan area. The city and county jurisdictions shown on the map operate the Washington Metropolitan Area Transit Authority (WMATA), which runs Metrorail.

    A. Identify ONE type of boundary shown on the map.

    B. Describe ONE site characteristic of Washington, D.C., shown on the map.

    C. Explain how political power is spatially distributed within a federal system of governance.

    D. Explain ONE way suburban sprawl is likely to negatively affect environmental sustainability in metropolitan areas.

    E. Describe ONE way transportation-oriented development, such as expanding a Metrorail line, may promote urban sustainability.

    F. Explain how regional transportation networks led to the development of edge cities.

    G. Explain how the geographic fragmentation of local governments could present a challenge to the Washington, D.C., metropolitan area's ability to construct a new Metrorail line.

_____

Begin your response to this question at the top of a new page in the separate Free Response booklet and fill in the appropriate circle at the top of each page to indicate the question number.

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Question 3

Demographic Transition Model

Demographic Transition Model graph showing Stages 1-5 with Birth Rate, Death Rate, and Total Population curves plotted against Time (horizontal axis) and Low to High (vertical axis).

Demographic Data for Selected Countries, 2019

Country	Birth Rate	Death Rate	Population Over Age 65
Croatia	9	13	21%
Estonia	11	12	20%
Germany	9	11	22%
Greece	8	12	22%
Japan	7	11	28%
Portugal	8	11	23%
Romania	10	13	19%

Source: World Bank

3. The demographic transition model can be used to theorize the changes in a country's total population over time.

    A. Select ONE country listed in the table and identify its stage in the demographic transition model.

    B. Define the concept of a pronatalist policy.

    C. Explain ONE factor that affects birth rates as countries move from stage 3 to stage 4 in the demographic transition model.

    D. Describe ONE likely economic effect when countries have negative population growth.

    E. Based on the data shown in the table, describe a policy that a government might develop in response to demographic change.

    F. Explain ONE reason why the life expectancy in urban areas may be higher than the life expectancy in the entire country.

    G. Using the data in the table, explain how, over time, low birth rates may impact the country's percent of population over age 65.

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STOP

END OF EXAM