

2024



AP[®] Human Geography

Free-Response Questions

Set 1

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.**

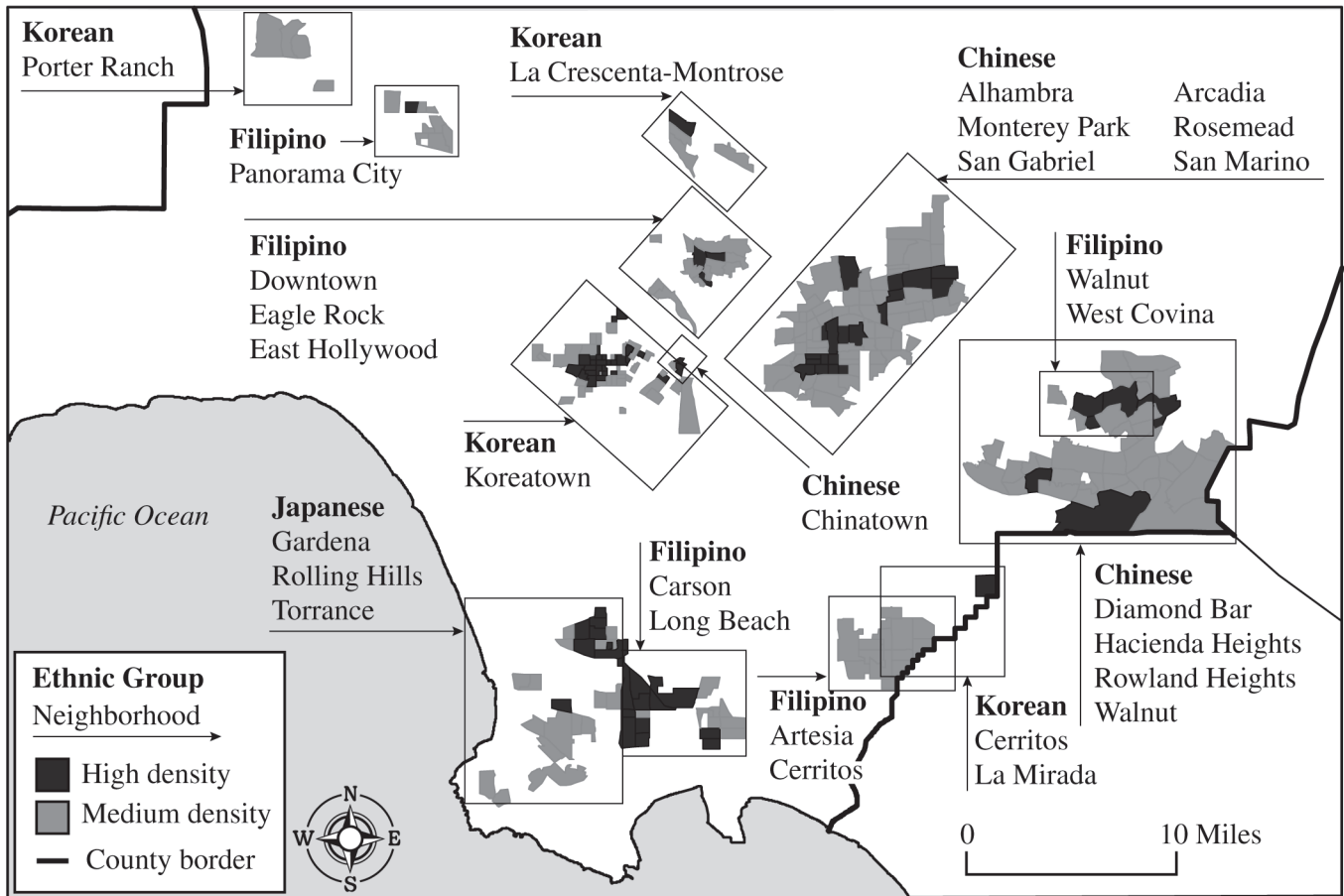
Question 1

1. The availability of food in the context of a growing world population is influenced by many social, environmental, and economic factors.
 - A. Define the concept of carrying capacity.
 - B. Describe ONE way that humans have altered the environmental sustainability of agricultural lands.
 - C. Explain how transportation technology has increased economies of scale in the agricultural sector of less developed countries.
 - D. Explain a likely negative economic outcome of Green Revolution agricultural practices on rural communities.
 - E. Explain ONE weakness of Malthusian theory in predicting the relationship between food production and population growth in contemporary society.
 - F. Explain how surplus food production has changed the global market for local agricultural products.
 - G. Explain the degree to which Green Revolution agricultural practices were effective in reducing hunger in less developed countries. (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.

Question 2

**Selected Asian Ethnic Neighborhoods
in Los Angeles County, California**



Source: United States Census Bureau

2. The map shows predominantly Asian ethnic neighborhoods in Los Angeles County, California. The names of the neighborhoods and the densities of the ethnic groups are identified on the map.
- Identify ONE neighborhood labeled on the map where two or more Asian ethnic groups reside.
 - Describe the spatial pattern of Chinese ethnic neighborhoods labeled on the map.
 - Explain ONE way immigrants may choose to assimilate into their new place of residence.
 - Explain ONE way immigrants may preserve their ethnic traditions in their new place of residence.
 - Describe ONE way that ethnic neighborhoods may contribute to a sense of place in large metropolitan areas such as Los Angeles.
 - Explain how the process of redistricting may be used to decrease an ethnic community’s political power.
 - Explain how the process of redistricting may be used to increase an ethnic community’s political power.

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.

Question 3

Metacities and Top-Tier World Cities, 2020



Source: United Nations

Selected Cities

Urban Area	Population, 2000	Population, 2020	Population Growth, 2000 to 2020	City GDP per Capita, 2020	Country GDP per Capita, 2020
Cairo	13.6 million	20.9 million	54%	\$4,865	\$3,609
Dhaka	10.3 million	21.0 million	104%	\$7,920	\$2,001
New York City	17.9 million	18.8 million	5%	\$86,615	\$63,529
Paris	9.7 million	11.0 million	13%	\$71,346	\$39,180

Note: Values are estimates based on publicly available data.

3. The world cities and metacities shown on the map are features of contemporary globalization and urbanization. The data table shows gross domestic product (GDP) per capita at the city and country scale.
- A. Identify ONE city on the map that is both a metacity and a world city.
 - B. Describe the spatial pattern of world cities shown on the map.
 - C. Compare the concept of a metacity with the concept of a world city. (Response must include both concepts in the comparison.)
 - D. Explain ONE reason why the cities shown on the table have higher city GDP per capita than the country GDP per capita.
 - E. Explain ONE way population growth in a metacity may challenge environmental sustainability.
 - F. Explain ONE reason why migrants to metacities may have difficulty obtaining housing.
 - G. Using the data from the table, explain the relationship between a city's level of economic development and the city's percent population growth over time.

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.

STOP

END OF EXAM