

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## AP Human Geography

### An Introduction to Human Geography

#### Chapter 2 Population and Health

#### Key Issue 1 Where are the World's People Distributed?

##### I Learning Outcome 2.1.1 Understanding the distribution of the world's peoples

##### Important terms and people

- 1) Overpopulation
- 2) Census

##### Questions

- 1) How do Geographers study population problems?
- 2) Why is the study of population geography important?
- 3) In what ways is a census controversial?
- 4) How do geographers use concentration and density to examine the distribution of population?

##### Short Answer

- 1) Compare figure 2-2 and 2-3. Which depicts the shape of countries more accurately?

##### II Learning Outcome 2.1.2 Understand why some regions have clustered populations and other regions are sparsely populated

##### Important terms and people

- 1) Ecumene

##### Questions

- 1) Answer the following question for each region/country listed below: Where are the populations clustered and why is that area clustered?
  - a. East Asia
  - b. South Asia
  - c. Europe
  - d. Southeast Asia
  - e. Africa
- 2) What physical regions do humans avoid forming clusters in?
- 3) Answer the following question for each land area below: Why are some land areas not part of the ecumene?
  - a. Dry lands
  - b. Wet Lands

- c. Cold Lands
- d. High Lands

**Short Answer:**

**Why are some land areas not part of the ecume?**

**III Learning Outcome 2.1.3 define three types of density used in population geography**

**Important terms and people**

- 1) Density
- 2) Arithmetic density
- 3) Physiological density
- 4) Agricultural density

**Questions**

- 1) How do you compute arithmetic density?
- 2) What is arable land?
- 3) Why do developed countries have lower agricultural densities?

**Short Answer**

**Which density measure differs most between Egypt and Ethiopia? What might account for this difference?**

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**AP Human Geography**  
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**Key Issue 2 Why is World Population Increasing?**

**I Learning Outcome 2.2.1 Understand historical and recent rates of natural increase.**

**Natural Increase**

**Important terms and people**

- 1) Natural Increase Rate
- 2) Doubling time
- 3) Life expectancy

**Questions**

- 1) What has been happening to the world's population since 1990?
- 2) What is expected to happen to the world's population in the near future?
- 3) Where is the world's largest NIR's located?

**Short Answer**

- 1) Which region other than sub-Saharan Africa appears to have the highest natural increase rate?

**I Learning Outcome 2.2.2 recognize regional variations in fertility and mortality**

**Birth and Deaths**

**Important Terms and People**

- 1) Crude birth rate
- 2) Crude death rate

**Questions**

- 1) What is the CDR of developed countries like?
- 2) What is the world's CDR?

**Short Answer**

- 1) What region of the world seems to have the lowest CDR?

## **II Learning outcome 2.2.3 describe the Stages of demographic transition**

### **The Demographic Transition**

#### **Important terms and people**

- 1) **Demographic transition**
- 2) **Industrial revolution**
- 3) **Medical revolution**
- 4) **Zero population growth**

#### **Questions**

- 1) **What was society like in the low growth stage of demographic transition?**
- 2) **When did the U.S. and Europe enter stage 2 of demographic transition?**
- 3) **Why is Gambia an example of a country in stage 2?**
- 4) **What happens to the CBR, CDR, and NIR in stage 3?**
- 5) **When did the U.S. and Europe enter stage 3?**
- 6) **What are some factors that show a country is entering stage 3?**
- 7) **Describe how Mexico moved through stages 1,2, and 3?**

#### **Short Answer**

- 1) **Name a country in Latin America that appears to be in stage 2, according to figures 2-12, 2-14, and 2-15.**

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**Key issue 3 Why do some places face health challenges?**

**I Learning outcome 2.3.1: Understand reasons for varying sex ratios and for reduced birth rates.**

#### Health and Gender

##### Important Terms and People

- 1) Sex Ratio
- 2) Maternal mortality rate

##### Questions

- 1) What is happening to female babies in Asia over the several decades?
- 2) For what reasons are female babies missing?
- 3) What is the standard biological ration of males to females?
- 4) What is the ration in China and India?
- 5) How has medical advancement led to an increase in the ratio of male to female babies in China and India?
- 6) Describe the worlds maternal mortality rate.

##### Short Answer

- 1) What countries besides India and China seem to have missing females?

**II Learning outcome 2.3.2 understand the impact of the demographic transition on the percentages of young and old.**

#### Health and Aging

##### Important terms and people

- 1) Population pyramid
- 2) Dependency ratio
- 3) Infant mortality rate
- 4) Elderly support ratio

##### Questions

- 1) What happens when there is a large dependency ratio?
- 2) Describe the dependency ratio is sub Saharan Africa.

- 3) Where are lower IMR's found and why are they found there?
- 4) Describe how the elderly affect the rest of the population?

#### Short Answer

- 1) The elderly support ratio is declining, does that mean the percentage of elderly people is increasing or decreasing?

#### III Learning outcome 2.3.3 Understand variations in health-care services between developed and developing countries

##### Medical Services

##### Questions

- 1) Describe government expenditures on health care around the world.
- 2) Describe medical facilities in different parts of the world?

#### Short Answer

- 1) Why might levels of hospital beds and physicians in developed countries of Europe be higher than in North America?

#### IV Learning Outcome 2.3.4 summarize the four stages of the epidemiologic transition

##### The edpidemiologic transition

##### Important Terms and People

- 1) Epidemiology
- 2) Epidemiologic transition
- 3) Pandemic
- 4) Thomas malthus

##### Questions

- 1) What was the most violent stage 1 epidemic?
- 2) Why do pandemics recede in stage 2?
- 3) Describe the progression of cholera through the years
- 4) What did overlay maps show about cholera in London's Soho neighborhood?
- 5) Describe what happens in society with degenerative diseases.
- 6) Describe stage 4 advancements in delayed degenerative diseases

#### Short Answer

- 1) How prevalent are the stage 4 causes of death in your family?

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#### Chapter 2 Population and Health

#### Key Issue 4 Why might population increase in the future?

**I Learning outcome 2.4.1 summarize arguments supporting and opposing Malthus's theory of the connection between population and resources**

#### Population and resources

#### Important Terms and People

- 1) Thomas Malthus

#### Questions

- 1) Why do contemporary geographers use Malthus's theory today?
- 2) What do neomalthusians argue today?
- 3) In what ways was Malthus and his critics correct?

#### Short Answer

- 1) Calculate the units of food and population that Malthus predicted would exist in 200 years.

**II learning outcome 2.4.2 understand the future population of the world's most populous countries and elements of possible stage 5 of the demographic transition**

#### Population Futures

#### Questions

- 1) What are the United Nations future predictions for populations?
- 2) What characteristics would a stage 5 country show?
- 3) Explain China's One Child Policy
- 4) Explain India's family planning program.

#### Short answer

- 1) For every 10 boys, India has only 9 baby girls. How might population policies be contributing to India having so many more baby boys than girls?

**III Learning outcome 2.4.3 understand reasons for possible stage 5 of the epidemiologic transition**

#### Questions

- 1) How can evolution be a possible cause of stage 5?
- 2) How can poverty be a possible cause of stage 5?

- 3) Describe the AIDS pandemic.
- 4) How and why did AIDS enter the U.S.?
- 5) What is the Ebola virus?
- 6) How was the ebola virus transferred in Africa?

**Short Answer**

- 1) Which region within the United States has the lowest number of AIDS cases? What geographic factors might explain this low level?

**Learning outcome 2.4.4. understand reasons for declining birth rates**

**Family Futures**

**Questions**

- 1) What happens in areas that have a better healthcare and education system?
- 2) How has contraception helped to lower CBR?

**Short Answer**

- 1) Why might birth rates have declined in most of the world, but not in North America?