

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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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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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 Mathus**

Questions

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

Short Answer

- 1) **Calculate the units of food and population that Mathus 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?