Reading Guide Chapter 2: Population & Health

Key Issue 2 Why is World Population Increasing?

***Pages 52-57***

1. Define **natural increase rate (NIR)**.

2. What is the NIR today? When did the global NIR reach its peak? What was the NIR at its peak?

3. About how many people are being added to the world’s population each year?

4. Define **doubling time.**

5. Define **life expectancy**.

6. Where is more than 95% of the natural increase clustered? What does regional variation mean?

7. Define **crude birth rate (CBR)**.

8. Define **crude death rate (CDR).**

9. Define **demography**.

10. Define **total fertility rate (TFR).**

11. What is the global “average” TFR?

12. Note the rates and locations of the global “highs” and “lows” in TFR.

**The Demographic Transition**

***\*This is an ESSENTIAL concept in APHUG. You will be required to draw and explain the DTM!!!! You will also need to be able to read population pyramids and connect them to stages of the DTM!\****

13. All countries have experienced some changes in \_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_, and \_\_\_\_\_\_\_\_\_, but at different times and at different rates. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ helps us understand these differences.

14. Define **demographic transition.**

15. Fill in the chart below with characteristics describing each stage in the demographic transition model (CBR, CDR, NIR, etc.). Characterize the amount of growth of each stage (low, high, decreasing (aka moderate) etc.).

|  |  |  |  |
| --- | --- | --- | --- |
| **Demographic Transition Model** | | | |
| **Stage 1** | **Stage 2** | **Stage 3** | **Stage 4** |
|  |  |  |  |

16. Now, in the the chart below, which represents the four stages of demographic transition, identify the country and where it is located and briefly describe how it got to that stage. Use the DTM samples on page 57 to help you with this.

|  |  |  |  |
| --- | --- | --- | --- |
| **Stages of the Demographic Transition Model** | | | |
| Stage 1 | Stage 2 | Stage 3 | Stage 4 |
| No country in stage 1 |  |  |  |

17. On which continent have most countries reached stage 4 of the demographic transition?

18. What are the two big breaks with the past that the four-stage demographic transition model is characterized by? Explain.

A.

B.

19. In what sense can we say that the first break came to **different world regions** for **different reasons** and in **different ways**?

a. It came to Europe and North America…

b. It came to Africa, Asia, and Latin America…

20. The CBR has declined rapidly since 1990. **Identify** the **two** strategies that have been successful in reducing birth rates and **explain** **why** they have been successful.

a.

b.

21. Define **Industrial Revolution.**

22. Define **medical revolution.**

23. Define **zero population growth (ZPG).**