Environmental Science Study Guide
Human Population and Demographics

**Vocabulary**
*Understand and be able to apply each of these terms.*

1. Demographics –
2. Exponential Growth –
3. Doubling Time –
4. Gross Domestic Product per Capita –
5. Total Fertility Rate –
6. Infant Mortality Rate –
7. Replacement Level –
8. Emigration –
9. Immigration –
10. Life Expectancy –
11. Pronatalist Forces –
12. Antinatalist Forces –

**Critical Thinking**
*Be able to read, analyze, and give complete answers to questions like these.*

1. Fill out this summary chart showing the demographic divide between developed and developing countries:

<table>
<thead>
<tr>
<th>Example Country</th>
<th>Older or Younger</th>
<th>Gross Domestic Product</th>
<th>Population Growth Rate</th>
<th>Population Pyramid Shape</th>
</tr>
</thead>
<tbody>
<tr>
<td>Developed</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Developing</td>
<td></td>
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</tr>
</tbody>
</table>
2. Most of the current human population growth is found in (developed / developing) countries.

3. What are the two factors that most affect life expectancy?

4. Label each of these as example of antinatalist(A) or pronatalist(P) factors.
   
   _____ The son preference
   _____ Increased education levels of family.
   _____ Women having access to professional careers.
   _____ Family lives in a developing country.

5. Fill out this summary table of the differences between the stages of the population transition model.

<table>
<thead>
<tr>
<th>Description of Living Conditions</th>
<th>Birth Rates (High / Low)</th>
<th>Death Rates (High / Low)</th>
<th>Population Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preindustrial</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Early Transitional</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Late Transitional</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Industrial</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Post-Industrial</td>
<td></td>
<td></td>
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</tbody>
</table>