GEOG 1101: Dr. Georgeta Connor Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Chapter 12: Human Settlements Section #/Class time: \_\_\_\_\_\_\_\_\_\_\_\_\_

Exercise # 1: **Metropolitan Areas**

This exercise contains 4 questions. 5 points total. Answer all questions as best you can.

**Look at Table 12.1, which shows the World’s Largest Urban Agglomerations in 1950, 1980, and 2010, as well as the projections for 2020 and 2035.**

1. What trends do you notice? (0.5 points)

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1. What has accounted for these changes and trends? (1 point)

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1. Specify the location (countries & continents) of the 2020 & 3035 urban agglomerations. Why these largest metropolitan areas are concentrated where they are? (3 points)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **2020** (over 20 mill) | | | **2035** (over 20 mill) | | |
| City | Country | Continent | City | Country | Continent |
| Tokyo-37 |  |  | Delhi-43 |  |  |
| Delhi-30 |  |  | Tokyo-36 |  |  |
| Shanghai-27 |  |  | Shanghai-34 |  |  |
| Sao Paulo-22 |  |  | Dhaka-31 |  |  |
| Mexico City-22 |  |  | Cairo-29 |  |  |
| Dhaka-21 |  |  | Bombay-27 |  |  |
| Cairo-21 |  |  | Kinshasa-27 |  |  |
| Cairo-21 |  |  | Mexico City-25 |  |  |
| Beijing-20 |  |  | Beijing-25 |  |  |
| Bombay-20 |  |  | Sao Paulo-24 |  |  |
|  |  |  | Lagos-24 |  |  |
|  |  |  | Karach-23 |  |  |
|  |  |  | New York-  Newark-21 |  |  |
|  |  |  | Chongquing-21 |  |  |
|  |  |  | Kolkata  (Calcutta)-20 |  |  |

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4. What are the current three largest American metropolitan areas? (0.5 points)

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**Table 12.1**

**The World’s 30 Largest Metropolitan Areas, Ranked by Population Size**

1950, 1980, 2010, 2020, 2035 (in millions)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **1950** | **1980** | **2010** | **2020** | **2035** |
| **World** | New York-12  Tokyo-11  London-8 | Tokyo-29  Osaka-17  New York-Newark-16  Mexico City-13  Sao Paulo-12  Buenos Aires-10  Los Angeles-Long  Beach-Santa Ana-10 | Tokyo-37  Delhi-22  Shanghai-20  Mexico City-20  Sao Paulo-20  Osaka-19  New York-Newark-18  Mumbai  (Bombay)-18  Cairo-17  Beijing-16  Dhaka-15 | Tokyo-37  Delhi-30  Shanghai-27  Sao Paulo-22  Mexico City-22  Dhaka-21  Cairo-21  Beijing-20  Bombay-20 | Delhi-43  Tokyo-36  Shanghai-34  Dhaka-31  Cairo-29  Bombay-27  Kinshasa-27  Mexico City-25  Beijing-25  Sao Paulo-24  Lagos-24  Karach-23  New York-  Newark-21  Chongquing-21  Kolkata  (Calcutta)-20 |
| **United**  **States** | New York 12  Chicago 5  Los Angeles-  Long Beach-  Santa Ana-4  Philadelphia-3  Detroit-3  Boston-3  San Francisco  - Oakland- 2 | New York-  Newark-16  Los Angeles-  Long Beach-  Santa Ana-10  Chicago-7  Philadelphia-5 | New York-Newark-  18  Los Angeles-  Long Beach-  Santa Ana-12 | New York-  Newark-19  Los Angeles-Long  Beach-Santa Ana-12 | New York-  Newark-21  Los Angeles-Long  Beach-Santa Ana-14 |

**Summary:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year/World** | **> 2 millions** | **> 5 millions** | **> 10 millions** | **> 20 millions** | **> 30 millions** |
| **1950** | 21 | 7 | 2 | - | - |
| **1980** | 2 (>4) | 21 | 6 | 1 | - |
| **2010** | - | 3 (>9) | 22 | 4 | 1 |
| **2020** | - | - | 21 | 7 | 2 |
| **2035** | - | - | 15 (>14) | 11 | 4 |

**Source**: United Nations, Department of Economic and Social Affairs, Population Division. World Urbanization Prospects: The 2018 Revision. File 11a: The 30 Largest Urban Agglomerations Ranked by Population Size at Each Point in Time, 1950-2035. WUP2018-F11a-30\_Largest\_Cities\_xls

**Other Sources:** Chapters 12 & 2 (Textbook and D2L files), CIA ([www.cia.org](http://www.cia.org)), Internet.