

Human Geography AP : Demographic Transition Model : Name: _____

Due Date: _____

T /18 A /30 C /10

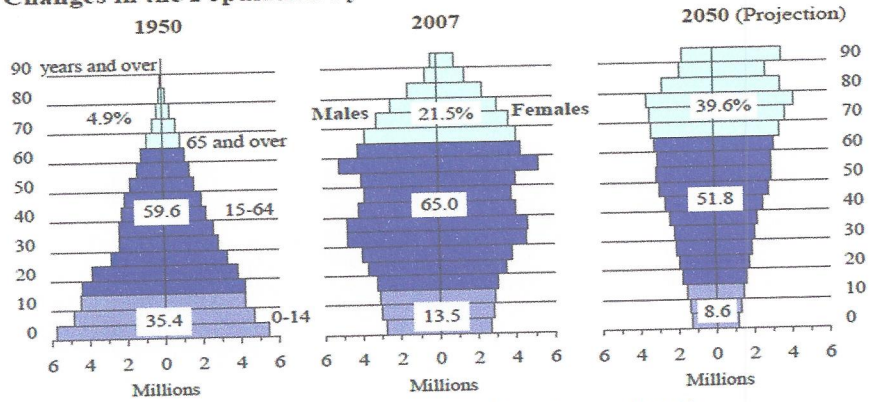
PART A:

1. Find two countries that represent the stages of the DTM that are shown in the table below. Provide current BR & DR data, as well as the level of economic development in the table below. /8 T (Include Canada in one of the stages)

<https://www.cia.gov/library/publications/the-world-factbook/>
 (Use the CIA World Factbook for your BR & DR data)

Country Name	Stage #	Birth Rate	Death Rate	Level of Economic Development (developed,developing)
	2			
	2			
	3			
	3			
	4			
	4			
	5			
	5			

Figure 2.3
Changes in the Population Pyramid



Source: Statistics Bureau, MIC; Ministry of Health, Labour and Welfare.

Part B: Complete the DTM Chart below A /20

Indicator	<u>Stage 1</u>	<u>Stage 2</u>	<u>Stage 3</u>	<u>Stage 4</u>	<u>Stage 5</u>
Typical CBR (Range)					
Typical CDR (Range)					
Typical Fertility Rate					
Description of growth					
Rostow's Stage of Economic Development					
Locations of countries in the world today	*****				
Epidemiological Stage and Health Issues					
Associated Political Issues	****				

Part C: Creating a Multi-line Graph – The Demographic Transition Model:Japan

A /10 /3 graph elements /4 DTM Stages /3 Neatness

The population of Japan appears largely **homogenous**, (the same throughout), where 98% of the population is made of ethnic Japanese people. In terms of population size, Japan ranks 10th in the world, making up 1.77% of the world's population.

Activity: Part A: Create a **multi-line graph** using the data given below.

- Put the years on the x-axis (horizontal) and birth and death rates along the y-axis (vertical).
- Label each of your different coloured connected lines,
- Lightly shade in the space between the lines and label it 'natural increase'.
- The changes in birth rates and death rates that you see on your graph are caused by two forces. One is a general change of demographics transition that occurs in a country as it becomes more advanced. The other is the impact of historical events: such as; wars, and good or bad economic times.
- The final step in graphing is to divide Japan's population into the different stages of the Demographic Transition Model Japan had endured over time.

Census Period	Average Birth Rate During Period (/1000)	Average Death Rate During Period (/1000)
1900-1904	32.1	20.1
1905-1909	32.1	21.1
1910-1914	33.7	24.5
1915-1919	32.5	22.6
1920-1924	35	22.8
1925-1929	34	19.7
1930-1934	31.7	18.1
1935-1939	29.3	17.4
1940-1944	30	20
1945-1949	30	17
1950-1954	23.7	9.4
1955-1959	22	7.8
1960-1964	17.3	7.3
1965-1969	17.8	6.8
1970-1974	19	6.5
1975-1979	15	6
1980-1984	12.8	6.1
1985-1989	11	6.3
1990-1994	9.8	6.8
1995-1999	9.6	7.4
2000-2004	9.1	7.8
2005-2009	8.6	10.4
2010-2013	8.3	10
2015-2016	7.8	9.6

