

What Strategies have been successful in reducing birth rates.

1.....

2.....

Today 4% of the population is above 65 years in Saudi Arabia, This population portion will increase to 12% in 2040, List three challenges and three solutions to deal with increase of the aging population in Saudi Arabia?

Challenges

1.....

2.....

3.....

Solutions

1.....

2.....

3.....

*Scenario One*

*You have 20 minutes to Complete the Questions*

**Country:** Kingdom of Demographia ( Fictional)

**Total population:** 1200000

**Females:** 499000

**Deaths**

- **Total:** 83000
- **infants (less than one year):** 13000
- **Females, childbirth:** 3000

**Live births:** 82000

**Population between 0-14 years:** 230000

**Population Above 65:** 181000

**From the information Above calculate the following, showing the formulas used in the calculation:**

Infant Mortality Rate =

Maternal Mortality Rate =

Sex Ratio=

Dependency Ratio=

Crude Birth Rate (CBR)=

Crude Death Rate (CDR) =

Natural Increase Rate (NIR)

**COMMED 311**



**SCENARIO TWO**

**You have 20 minutes to Complete the Calculations**

Fill in the chart below with characteristics describing each stage in the demographic transition model (CBR, CDR, , etc.). Give a brief description of what is happening in each stage. Characterize the amount of growth of each stage (high, low, stable, etc.) and the shape of the population pyramid

STAGE 1	STAGE 2	STAGE 3	STAGE 4
Demographic Transition Model			
Characteristics:	Characteristics:	Characteristics:	Characteristics:
Description:	Description:	Description:	Description:

**SCENARIO Three**

**You have 20 minutes to  
Complete the  
Questions**