Public Health

Archive

Lecture 7

Corrected By :

Raghad Mohammad
Razan Fawwaz

Designed By :

Raneem Dmour

Q1 .Population growth factor in Jordan, as per 2020 equals:
a. 1.3
b. 2.3
c. 3.3
d. 3.2
e. 1.5
Answer: B

Q2. In the city R in year 2013, the Crude Birth Rate is 23/1000, Crude Death Rate is
11/1000, and the estimated midyear population is 8 million. The rate of natural
increase is:
a. 2.9
b. 1.2
c. 4.5
d. 3.5
e. 0.8
Answer: B

Rate of natural increase (RNI) = Crude birth rate (CBR)- Crude death death rate (CDR), all divided by 10
RNI= (23- 11)/10= 1.2%

Q3. In the city Y, in year 2018, the crude birth rate is 30/1000, and a crude death rate is
9/1000 and the estimated midyear population is 4 million, and the net migration rate is (+0.2%). So, the growth rate is:
a. 3.8
b. 3.5
c. 1.4
d. 4
e. 2.3
Answer: E
Growth rate= rate of natural increase + net migration rate ->
(CBR- CDR)/10 +net migration rate ->
(30-9)/10 + 0.2%= 2.3%

Q4. In a district of 20,000 persons, the following was registered: 900 births, 400 deaths. The rate of natural increase in this district equals:
a. 1.5
b. 3.3
c. 4.5
d. 3.75
e. 2.5
Answer: E

Rate of natural increase= [# of births - # of deaths]/ # of population* 100
[(900- 400)/20,000 * 100] = 2.5%

Q5. One of the following indicates "how long the population takes to double in size":
a. Natural increase.
b. Growth rate.
c. Total fertility rate.
d. General fertility rate.
Answer: B

Q6. About the 5' stage of demographic transition model, one of the following is TRUE:
a. Population growth is slow and fluctuating.
b. Population size decreases.
c. More births than deaths.
d. Population size increases.
Answer: B

Q7. In city Z in 2019, CBR = 20/1000, CDR=3/1000, estimated midyear population is 3 million, rate of natural increase =
a. 3.2
b. 1.7
c. 2.3
d. 3.7
e. 4.5
Answer: B

RNI= (CBR- CDR) / 10
RNI= (20- 3)/10= 1.7%

Q8. In city B in 2019, CBR =50, CDR=15, the estimated midyear population= 9 million, Net migration rate = +0.3%, growth rate is:

a. 4.5
b. 2.4
c. 1.4
d. 3.8
e. 3.2
Answer: D

Growth rate= rate of natural increase + net migration rate ->
(CBR- CDR)/10 +net migration rate ->
(50-15)/10 + 0.3%= 3.8%

Q9. In a district of 15000 persons, the following was registered: 600 births, 225 deaths. The rate of natural increase in this district equals:

a. 3.5
b. 2.5
c. 40
d. 15
e. 3.75
Answer: B

Rate of natural increase= [# of births - # of deaths]/ # of population* 100
[(600- 225)/15000 * 1001 = 2.5%