

1. The total deaths in a city X in 1975 were 600. Of these 30 were due to hypertension. If the total population is 100, 000, then the proportionate mortality rate from hypertension is?
 - A. 0.6
 - B. 10.5
 - C. 1.6
 - D. 5
 - E. 0.03

2. In a community Z the total population was 40, 000,000 persons in 2011. If 40, 000 deaths from pneumonia occurred in the same year and locality, and total deaths equals 100, 000. Then the cause specific mortality rate from pneumonia is?
 - A. 20
 - B. 1
 - C. 400
 - D. 0.2
 - E. 4

3. In a city XX, in year 1999, the Crude Birth Rate is 44.5, and a Crude Death Rate is 9.8, and the estimated midyear population is 6 million, and net migration rate is (-0.6%). The growth rate is?
 - A. 4.5%
 - B. 5.47%
 - C. 3.92 %
 - D. 24%
 - E. 2.87%

4. If a population of a town Z was 900, 000 persons in the census of the year 1990 and it increased to reach 1000,000 in the year 2000. The estimated inter-censal population at 1997 was?
 - A. 900, 000
 - B. 820, 000
 - C. 970, 000
 - D. 960,000
 - E. 950, 000

5. In a village of 5000 persons, the following was registered: 200 births, 80 deaths, of these 20 were below 1 year and one woman died from maternal causes. The rate of natural increase in this village equals?
- A. 24
 - B. 40
 - C. 2.4
 - D. 100
 - E. 0.8
6. In a district of 15,000 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. 37.5
7. In a city Z, in year 2018, the Crude Birth Rate is 20/1000, Crude Death Rate is 3/1000, and the estimated midyear population is 3 million. The rate of natural increase is?
- A. 3.2
 - B. 1.7
 - C. 2.3
 - D. 3.7
 - E. 4.5
8. In a city Z, in year 2018, the Crude Birth Rate is 20/1000, Crude Death Rate is 3/1000, and the estimated midyear population is 3 million. The rate of natural increase is?
- A. 3.2
 - B. 1.7
 - C. 2.3
 - D. 3.7
 - E. 4.5
9. In a district of a total population = 6, 000,000 persons in 2015 the number of cancer deaths reported were 12,000 deaths in the same year. The total deaths were 12,500. So, the specific death rate from cancer equals?
- A. 6
 - B. 20
 - C. 10
 - D. 2
 - E. 50

10. The estimated midyear population of a country K in a certain year was 10,000,000. The total number of male = 6,000,000. Total number of death was 20,000 (male=12,000). So, Female Specific Death Rate is?
- A. 15 per 1000
 - B. 2 per 1000
 - C. 5 per 1000
 - D. 4 per 1000
 - E. 10 per 1000
11. If the estimated midyear population of a country V in a certain year was 2,000,000. The total number of young population below 15 years old = 200,000, and the total number of population aged (15-60) years old = 800,000. So, the young dependency ratio is?
- A. 5%
 - B. 25%
 - C. 35%
 - D. 50 %
 - E. 75%
12. The total deaths in a country X in 2002 were 300. Of these 45 were due to diabetes mellitus. If the total population is 45,000, then the proportionate mortality rate from diabetes mellitus equals to?
- A. 15
 - B. 2.50
 - C. 0.25
 - D. 3.50
 - E. 10