

# Epidemiology

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Archive

lecture 10

archive

Medical card

Name \_\_\_\_\_

Date of b \_\_\_\_\_

Gender \_\_\_\_\_

Address \_\_\_\_\_

Date of call \_\_\_\_\_

Corrected By :

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1. Regarding the Incidence one is correct?

- a. It is used to estimate the probability of risk of developing disease at a specific time
- b. It measures the presence of the disease on a single short time point
- c. The denominator is the mid-year population
- d. It quantifies the proportion of individuals in a population who have the disease at a specific instant
- e. The numerator is the number of cases in a community

Answer :a

2. 50 people are suffering from cholera in a population of 5000. Out of those 50, suffering from cholera, 10 died. But total deaths is 50 , what is death rate ?

- a. 10/1000
- b. 1/1000
- c.5/1000
- d. 20/100
- c.2/1000

Answer :a

3. Denominator while calculating the secondary attack rate includes?

- a. Midyear population
- b. All the close contacts
- c. All susceptible in the whole village
- d. All susceptible amongst close contact
- e. All the people living in next fifty houses

answer:d

4. In a town of population 5000, 500 are already myopic on January 1st 2011. Number of new myopia cases is 90 till December 31st 2011. Calculate incidence of Myopia in the town in 2011.

Select one:

- a.18%
- b.1.8%
- c.5%
- d. 2%
- e. 11.8%

answer:d

5. When using a drug that prevents death but has no effect on recovery, what will be outcome ?

Answer : a. The prevalence of disease will increase

6. In a village with population of 5000, 50 people have a disease and 10 of them died. What is case fatality rate?

- a. 1%
- b. 20%
- c. 2%
- d. 0.5%
- e. 0.19%

answer:b

7. In a village having population of 2000, we found 200 patients with COVID—i 9. What is the prevalence of this disease

- a. 1800
- b. 0.1
- c. 10
- d. 45
- e. 2

answer: b

8. In a village with population of 5000, 50 people have a disease and 10 of them died. What is case fatality rate?

- a. 1%
- b. 20%
- c. 2%
- d. 0.5%
- e. 0.19%

9. The wrong statement about ratio:

- a. Less useful than rate
- b. Presented as rates
- c. Numerator and denominator
- d. Presented as number

answer:b

10. In a population of 800 people, 100 were infected with TB and 20 people died from TB, what is case fatality

answer:20%

11. In a population of 1000, cases of the disease were 200, the prevalence of the disease is?

- a. 0.2
- b. 20
- c. 2

answer: a

12. What is correct about prevalence?

- a. It is a balance between incidence, mortality, and recovery

13. When calculating incidence, the denominator is?

Population at risk

14. One is true about prevalence?

- a. Decreases with decrease in case fatality
- b. It is the ideal measure for studying disease aetiology or causation
- c. It is ratio
- d. Increases with increase in duration of disease
- e. It is estimated through a case-control study

answer: d

15. Incidence and prevalence having a relationship which expresses as the?

- a. Sum of incidence and mean duration of disease
- b. Dividend of incidence and mean duration of disease
- c. Product of incidence and mean duration of disease
- d. Difference of incidence from the mean duration of disease
- e. Subtract of incidence from duration of disease

answer: c  
not sure

16. All of the following are true regarding the Ratio EXCEPT?

- a. Numerator is component of denominator
- b. Numerator is not a component of denominator
- c. Numerator & denominator are not related values
- d. It is expressed as a number
- e. Less useful than rate

Answer: a

17-The incidence rate of a disease is 5 times greater in women than in men, but the prevalence rates show no sex ,what is best explanation?

- a. The case fatality rate for this disease is lower in women
- b. The case fatality rate for this disease is higher for women
- c. The duration of disease is shorter in men
- d. Risk factors for developing the disease are more common in women
- e. The case fatality rate for this disease is equal in men and women

answer: b

18. What is correct about ratio

- a. Numiator is part of deomatore
- b. Deomatore is part of numiator
- c. Numiator is not part of deomatore
- d. All is correct

answer: c

