Community Medicine MID 022

Q)In the Central Limit Theorem, when the sample size is greater than 30, the distribution of the sample mean approaches a:

    A. H distribution
    B. Asymmetric bimodal distribution
    C. Flat
    D. Gaussian distribution

Answer: D

Q) Which **probability sampling method** is more suitable for representing minor ethnicities in equal chance of groups selection?

    A. Cluster sampling
    B. Systematic sampling
    C. Stratified sampling
    D. Simple random sampling
    E. Convenience sampling

Answer: C

Q)

5-number summary: 2 | 8 | 10 | 16.5 | 63

These data are:

    A. Right skewed
    B. Left skewed
    C. Symmetric

Answer: A

Q)Which study design is more suitable for investigating prevalence?

    A. Cohort study
    B. Cross sectional
    C. Case control
    D. Clinical trial

Answer: B

Q)Which study design is appropriate for examining a common risk factor's association with multiple diseases?

    A. Cohort study
    B. Cross sectional
    C. Case control
    D. Clinical trial

Answer:A

Q)What study design is suitable for examining the potential reduction of type 2 diabetes through the consumption of fiber-rich meals?

    A. Cohort study
    B. Cross sectional
    C. Case control

D. Clinical trial

Answer: a

Q) 17 + 18

	Positive	Negative
Have the disease	1400	100
Don't have the disease	1000	17500

Calculate : PPV , False positive rate

False positive rate (1-specificity)

A. 5.8%
B. 5.4%
C. 93%
D. 95%
E. 58%

Answer B

Q 18

PPV= 58%

Q)A study investigate and forecast the impact of diabetes mellitus (DM) on tuberculosis (TB) epidemiology in Indonesia between 2020 and 2050. What is the dependent (outcome)variable in the study:

A. Tuberculosis
B. Diabetes mellitus
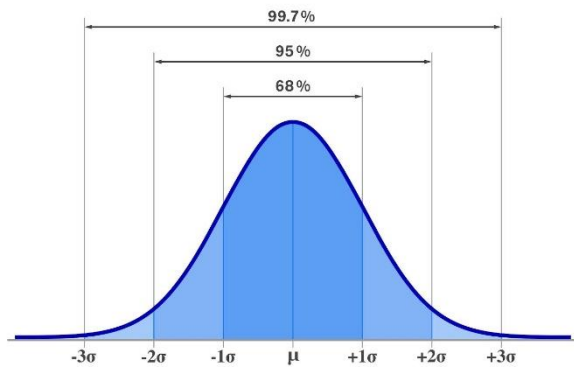C. Between 2020 and 2050
D. Indonesia

Answer: A

Q)If a researcher FalseyW assumes there is no difference in oral temperature between the group taking drug A and the group taking drug B, what type of statistical error is likely to occur?

A. Type 1 error
B. Type 2 error
C. Type 3 error

Answer: B

Q) In a normally distributed population, _____ % of the data falls between 2.5 standard deviations from the mean on either side?

A. 68%
B. 95%
C. 99%
D. 99.7%
E. 100%

Answer: C

Q) Salem was eating a fruit salad (among others) he developed a disease. What is the time trends in disease occurrence?

- A-single exposure
- B-multiple exposure
- C-Cyclic
- D- continuous exposure
- E-long-term

Answer: A

6)what of the following help in developing scientifically sound health programes, interventions & policies?

- A)formulation of etiological hypothesis
- B)answering the question who, where and when?
- C)Make inferences regarding patterns of disease
- D)descriptive epidemiology tests
- E)analyzing of etiological hypothesis

Answer: E

Q)In the context of mumps in children, what kind of causal relationship is observed?

- A) Necessary & sufficient
- B) Necessary, but not sufficient
- C) Sufficient, but not Necessary
- D) Neither Sufficient nor Necessary
- E) Forgot the fifth choice

Answer : B

Q)What type of surveillance is described by the definition: "Where the data collator presses the collector to report even the absence of cases"?

- A) Active surveillance
- B) Passive surveillance
- C) Negative surveillance
- D) Intensive surveillance
- E) None of the above

Answer : C

Q)The level of measurement of the following

1-never

2- few times a year

3- few times a month

4- several times a week

5- every day

- a-ordinal
- b-nominal
- c-catagorical
- d-discrete
- e-contiuous

Answer : e

Q) What point in hills criteria best describes causative relationship?

- A.Temporality
- B.Analogy
- C. Biological plausibility
- D. Consistency

Answer: A

Q) what did john snow claim about the reason of CHOLERA in LONDON?

- A) the food
- B) Because of animals
- C)water pumps
- D) he didn't know the reason

Answer : A

Q) ALL of the following are features of case control EXCEPT:

- A) suitable for rare diseases

- B) not- suitable for rare exposures
- c) inexpensive
- D) can show the relationship between effect-cause
- E) can measure incidence

ANSWER: E

Q) which of the following true about carriers :

- A) carries are the tip of the ice berg
- B) Cariers are people with incubation dieses
- C) Cariers are people who recovered bus still carry the dieses
- D none of the above
- E)All the above

ANSWER: A

Q) what is the lowest p value, and we still can reject the null hypothesis

- A) p>0.5
- B) p> or equal 0.5
- c) p=0.5
- d) p< or equal 0.5
- e) p= 1

Answer : D

Q) Which of following affect the exposure of host

- A) DIET 45
- B) XRAY
- C)SANITARY
- D)ECONOMICS

ANSWER : A

Q) Which of the following is correct :

- A) epidemiology flourished as a scientific discpline in 1940s
- B) john snow figured out the reason of cholera in 1956

Answer : A

Q) THE puplic health is the science and art OF ………………………….. , DISEASE prolonging life promoting health …

- A) CURE
- B) TREAT
- C) PROLONG
- D) PEVENT

● E) NONE OF THE ABOVE

Q) When we have 2 groups and after we give the treatment for the case group there was NO SIGNIFICANT DIFFERANCE BETWEEN the case and control groups what is the type of bias:

● A) lead time
● B) voluntarism biAS
● C) length time bias
● D selection bias

Answer A

Q) someone makes an accident and broke his leg which of these DOES NOT CONCERN puplic health:

● A) did he have a vision problem
● B) was there a problem with the road
● C) he broke his leg
● D) none of above

Answer c

Q)All of the following is a characteristic of case-control studies EXCEPT:

● A) Can measure incidence
● B) It is small and inexpensive
● C) Can show the relationship effect-cause
● D) Is suitable with Rare diseases
● E) Is not suitable with Rare exposures
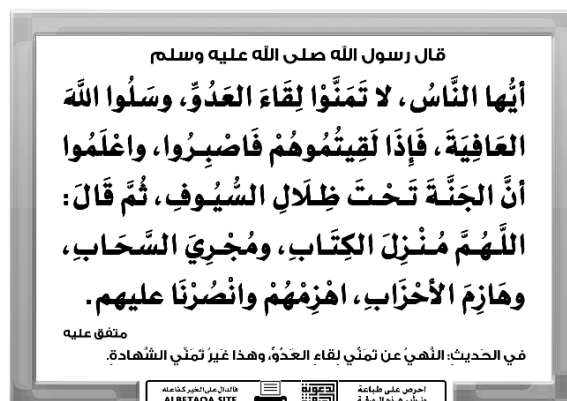
Q) The video incedince and previlance

Answer: short life diseases like infelunza in the off season have low prevelance

Q) The video laws and politics

Answer:indoor smoking

Q) which of the following is true regarding bias :

Answer : it could produce high/low relative risk