

Test Bank

For lec 3 : History Of
Epidemiology

Done by : Masa Btoush

1. What major achievement did John Snow accomplish in the field of epidemiology?

- A) Discovering the miasmatic theory of disease
- B) Establishing the first clinical trial
- C) Identifying contaminated water as the source of a cholera outbreak
- D) Conducting the first controlled study of respiratory illness

2. In the 1952 London Smog Disaster, what was the immediate health consequence?

- A) Increase in cholera cases
- B) Outbreak of respiratory diseases
- C) Surge in birth defects
- D) Widespread food contamination

3. How did the Salk polio vaccine impact public health in the United States?

- A) Reduced respiratory illnesses by 70%
- B) Eliminated poliomyelitis outbreaks globally
- C) Proved to be 90% effective in preventing polio
- D) Led to increased polio cases in vaccinated children

4. What was the main method used by John Snow to investigate the cholera outbreak in London?

- A) Conducting laboratory experiments
- B) Collecting air quality samples
- C) Mapping the distribution of cholera cases
- D) Testing drinking water for bacteria

5. During the Four Corners Hantavirus outbreak, what was identified as the primary mode of transmission?

- A) Contaminated water
- B) Airborne particles from rodent feces and urine
- C) Direct contact with infected individuals
- D) Food contaminated by rodents

6. What event prompted the investigation into Legionnaires' disease in 1976?

- A) Outbreak of pneumonia among convention attendees
- B) Discovery of a contaminated water source
- C) Widespread respiratory infections at a veterans' hospital
- D) Increase in deaths caused by cholera

7. In 1993, a sudden outbreak of respiratory illness was reported in the Four Corners region of the southwestern U.S. Epidemiologists linked the outbreak to an increase in the number of rodents due to an abundant food source. Further investigation revealed that the virus responsible for the illness was transmitted to humans when they inhaled dust particles contaminated with rodent feces and urine.

Which of the following preventive measures would be most effective in reducing the spread of this disease?

- A) Boiling water before drinking
- B) Mice-proofing homes and using masks while cleaning
- C) Quarantining sick individuals
- D) Vaccinating residents of the region

8. How did the identification of the Legionella bacterium affect public health regulations?

- A) It led to new laws restricting water use in hotels
- B) It resulted in air conditioning system regulations worldwide
- C) It initiated widespread chlorination of drinking water
- D) It led to an increase in the number of clinical trials for bacterial infections

9. A person is involved in an accident and breaks his leg. Which of the following does not concern public health?

- A) Did he have a physical problem?
- B) Was there a problem with the road?
- C) He broke his leg.
- D) None of the above.

Answers

1- C

2- B

3- C

4- C

5- B

6- A

7- B

8- B

9- C