



1. A nurse has an open abrasion on the skin. This is a concern during patient care because the open abrasion could represent which of the following elements in the chain of infection? (Two possible answers)
 - a. Etiological Agent
 - b. Reservoir
 - c. Portal of Exit
 - d. Method of Transmission
 - e. Portal of Entry
 - f. Susceptible Host

2. The nurse disposes of a butterfly needle and tubing used to draw blood. The butterfly needle, if not properly disposed of, could represent which element in the chain of infection?
 - a. Etiological Agent
 - b. Reservoir
 - c. Portal of Exit
 - d. Method of Transmission
 - e. Portal of Entry
 - f. Susceptible Host

3. The patient coughs without covering their mouth. The mouth serves as which element in the chain of infection?
 - a. Etiological Agent
 - b. Reservoir
 - c. Portal of Exit
 - d. Method of Transmission
 - e. Portal of Entry
 - f. Susceptible Host

4. An IV is inserted without cleaning the skin properly before insertion. The needlestick serves as which element in the chain of infection?
 - a. Etiological Agent
 - b. Reservoir
 - c. Portal of Exit
 - d. Method of Transmission
 - e. Portal of Entry
 - f. Susceptible Host

5. The nurse does not clean their stethoscope between patients. The stethoscope represents which element in the chain of infection?

- a. Etiological Agent
- b. Reservoir
- c. Portal of Exit
- d. Method of Transmission
- e. Portal of Entry
- f. Susceptible Host

6. Fresh flowers or plants brought into the patient room. These flowers/plants represent which element in the chain of infection? (2 correct answers)

- a. Etiological Agent
- b. Reservoir
- c. Portal of Exit
- d. Method of Transmission
- e. Portal of Entry
- f. Susceptible Host

7. The nurse fails to wear appropriate tier 2 PPE for a patient isolated for pertussis. The nurse's scrubs are exposed to the pertussis patient. The scrubs serve as which element in the chain of infection?

- a. Etiological Agent
- b. Reservoir
- c. Portal of Exit
- d. Method of Transmission
- e. Portal of Entry
- f. Susceptible Host

8. Migrant workers eat unwashed fruit directly from the field. The fruit serves as which element in the chain of infection?

- a. Etiological Agent
- b. Reservoir
- c. Portal of Exit
- d. Method of Transmission
- e. Portal of Entry
- f. Susceptible Host

9. A patient is diagnosed with COVID-19 and subsequently admitted to the hospital. COVID-19 represents which element in the chain of infection?

- a. Etiological Agent
- b. Reservoir
- c. Portal of Exit
- d. Method of Transmission
- e. Portal of Entry
- f. Susceptible Host

10. A patient has a head laceration that is open to air (it is not covered with a dressing). The laceration (open to air) represents which element in the chain of infection? (Hint: the wound is somewhat fresh and does not show signs of infection.)

- a. Etiological Agent
- b. Reservoir
- c. Portal of Exit
- d. Method of Transmission
- e. Portal of Entry
- f. Susceptible Host