Chapter 25 practice questions

1. Kathy has a congenital heart defect and is about to go through a simple dental surgery. What bacterial infection is she at risk due to her heart condition?

a. Viral endocarditis

b. Bacterial endocarditis

c. Sepsis

d. None of the above

2. What statement is the most correct regarding Sepsis.

a. Sepsis usually occurs as a nosocomial infection.

b. Sepsis usually begins as an infection elsewhere in the body.

c. Sepsis is a life-threatening systemic inflammatory response caused by bacteria or their products in the blood.

d. None of the above.

e. All of the above.

3. True or False. *Pseudomonas aeruginosa* is an opportunistic pathogen that causes infections in burn patients characterized by the presence of blue/green pigment in and around the burnt tissue.

a. True

b. False

4. From the list below, which disease and pathogen are not correctly associated?

1. Plague : Yersinia pestis

2. Infectious mononucleosis : Epstein-Barr virus

3. Malaria : Plasmodium

4. Bacterial endocarditis : *Streptococcus pyogenes*

a. All of the above

b. 1 and 2

c. 2

d. 4

e. 3 and 2

5. Which statement is **incorrect** regarding Ebola hemorrhagic fever.

a. Ebola is considered a zoonotic disease transmitted to humans from fruit bats

b. Transmission is direct or indirect through contact with infected animal feces

c. Ebola is highly contagious

d. Symptoms include high fever, vomiting blood, and profuse bleeding from eyes and nose

e. None of the above

6. True or False. Malaria is transmitted to humans through flea bites, which serves as the disease vector.

a. True

b. False