# Pre-Lecture Quiz, Chapter 9, Antibacterial Drugs That Interfere With DNA/RNA Synthesis

# *Matching*

1. Match the drug when taken with a fluoroquinolone in Column A can result in the interaction in Column B

| 1. Nonsteroidal anti-inflammatory | A. Increased blood level of the drug |
| --- | --- |
| 2. Oral anticoagulant | B. Decreased elimination of the antibiotic |
| 3. Cimetidine | C. Increased bleeding risk |
| 4. Theophylline | D. Possible seizure activity |

***True/False***

1. Overuse of antibiotics is a primary cause of superinfections.
2. The fluoroquinolone class of bactericidal drugs works by interfering with the synthesis of DNA.
3. Controlled-release tablets are meant to be chewed or crushed when taken orally.
4. Anti-infective superinfection effect only the gastrointestinal system.
5. Photosensitivity makes a person more resistant to sunburn when taking an antibiotic.

***Fill in the Blank***

1. Because there is a risk of \_\_\_\_\_\_\_\_\_\_\_ assessing for cardiac issues is important during the initial assessment.
2. Those at greatest risk for tendonitis or tendon rupture when taking a fluoroquinolone are clients older than \_\_\_\_\_\_\_\_.
3. For intravenously administered fluoroquinolones, as with other caustic drugs, the nurse inspects the needle site and the area around the needle every hour for signs of \_\_\_\_\_\_\_\_\_\_\_ of the IV fluid.
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is one type of a bacterial superinfection that develops because of an overgrowth of the microorganism *Clostridium difficile* in the bowel.