Chapter 18 practice questions

1. A suspension of organisms or portions of organisms (the antigens) that can stimulate an immune response without causing disease is termed:

a) Opportunistic pathogen

b) Antibiotic

c) Vaccine

d) A pathogen

2. True or False. A conjugated vaccine only contains purified capsule polysaccharides.

a) True

b) False

3. Influenza vaccines often contain an additive called an adjuvant. The purpose of the adjuvant is to:

a) Stimulate the immune system leading to an enhanced immune response toward the vaccine

b) Inactivate live microorganisms in the vaccine to make sure they don’t cause the disease the vaccine was designed to prevent

c) Prevent inflammation at the site where the vaccine was injected

d) Preserve the vaccine so that it can be stored for years until it is needed

4. True or False. Inactivated toxin vaccines requires a series of injections for full immunity and may require booster shot every 10 years.

a) True

b) False

5. Inactive whole agent vaccines:

a) use inactivated toxins

b) use whole microbes that have been killed

c) contain only purified components from viruses or bacteria

d) none of the above

6. True or False. Refreshing the memory cell population is the purpose of a booster shot.

a) True

b) False