Chapter 21 practice questions

1. The erythrogenic toxin produced by GAS causes which distinct disease?

a. Necrotizing fasciitis

b. Scarlet fever

c. Whooping cough

d. Rheumatic fever

2. Which statement is **incorrect** regarding bacterial pneumonia?

a. *Haemophilus influenza* was once the major cause of pneumonia in young children

b. *Pseudomonas aeruginosa* is the major cause of pneumonia in cystic fibrosis patients

c. *Mycoplasma pseumoniae* causes a severe form of pneumonia that usually requires hospitalization

d. None of the above

3. You wake up one morning to find that one of your eyes is red and sore. By the next day your eye is extremely red and there is a bit of pus leaking from your eye. With the symptoms you are exhibiting, what type of infection do you think the doctor will diagnose?

a. A viral infection

b. A bacterial infection

c. A fungal infection

e. A protozoan infection

4. Which of the following is not a symptom or sign normally associated with influenza?

1. Fever

b. Malaise

c. Diarrhea

d. Body aches

e. Cough

5. True or False. Tamiflu and Relenza are inhibitors of Hemagglutinin found on the influenza virus.

a. True

b. False

6. True or False. Antigenic drift is a result of minor mutations in H-antigen or N-antigen which causes annual flu variations.

a. True

b. False

7. Betty has a six month old son who developed a runny nose, and a bit of a cough, which are common cold like symptoms not surprising as he spends his days in daycare. But, a few nights later, her sons cough becomes loud and high pitched. She called health links and the nurse told her it sounds like he has croup. If you were the health links nurse, what treatment would you recommend?

a. Antibiotics

b. Vaccine

c. Treat the symptoms: ie Tylenol

8. Blastomycosis is a fungal disease caused by the inhalation of what pathogen?

a. *Pseudomonas aeruginosa*

b. *Candida albicans*

d. *Blastomyces dermatitidis*

e. None of the above