

Anthrax, Smallpox, Botulism & Plague Posttest

1. The causative organism for anthrax is described as a _____.
 - a. gram negative diplococcus
 - b. gram positive rod
 - c. virus
 - d. fungus

2. Anthrax is unlikely to be transmitted by which of the following mechanisms?
 - a. ingestion of infected meat
 - b. physical contact with infected animal skin
 - c. inhalation of spore-containing dust
 - d. contact with infected person

3. The primary mode for transmission of smallpox is _____.
 - a. inhalation
 - b. ingestion of contaminated food
 - c. physical contact with infected surface
 - d. ingestion of contaminated water

4. Patients with which of the following conditions require respiratory isolation precautions?
 - I. botulism
 - II. smallpox
 - III. pneumonic plague
 - a. I, II only
 - b. II, III only
 - c. I, III only
 - d. I, II, III

5. Cephalosporin antimicrobials are ineffective against infections due to _____.
 - I. bacillus anthracis
 - II. yersinia pestis
 - III. variola virus
 - a. I, II only
 - b. II, III only
 - c. I, III only
 - d. I, II, III

6. All of the following are characteristic of botulism toxicity **EXCEPT** :
- a. generalized weakness
 - b. descending paralysis
 - c. decreased level of consciousness
 - d. normothermia
7. As a bioweapon, botulism would most likely be delivered by which route?
- a. aerosol
 - b. drinking water
 - c. food supply
 - d. infected persons
8. Which of the following correctly apply to the natural transmission of bubonic plague?
- I. the insect vector is a flea
 - II. the causative microorganism is a gram positive coccus
 - III. the animal reservoir is a rodent
- a. I, II only
 - b. II, III only
 - c. I, III only
 - d. I, II, III
9. Which form of plague would most likely result from bioterrorism?
- a. bubonic
 - b. septic
 - c. pneumonic
 - d. cutaneous
10. Antibiotics are administered prophylactically to persons who have been exposed to patients with which of the following conditions?
- I. plague
 - II. anthrax
 - III. botulism
- a. I, II only
 - b. II, III only
 - c. I, III only
 - d. I, II, III