Upon completion of the chapter, the reader will be able to:

1. Define bioterrorism and differentiate intentional versus unintentional acts.
2. Select the correct parameters which define an organism as a Category A critical biological agent.
3. Identify key concepts and challenges surrounding postexposure prophylaxis for biological agents of concern.
4. State a reputable, national resource for the latest information for potential bioterrorism conditions and infectious disease outbreaks.
5. Identify which of the discussed Category A bioterrorism agents have caused recent outbreaks in the U.S.
6. Select the most appropriate treatment plan for the different forms of anthrax for adults, pediatrics or pregnant patients.
7. State the correct duration of PEP and treatment for inhalation plague.
8. Describe the supportive measures that are recommended for the treatment of Ebola virus disease.
9. Devise a plan to reduce the risk of transmission of Ebola virus in a suspected patient.
10. Identify symptoms that are commonly present in a patient who has contracted measles.
11. Identify transmission routes of the virus responsible for causing Middle Eastern Respiratory Syndrome.
12. Recommend the appropriate timing for a pertussis vaccination booster for pregnancy.
13. Recommend postexposure antimicrobial prophylaxis for children 1 to 5 months old exposed to *Bordetella pertussis*.
14. Identify which biological agents discussed in this chapter that do not currently have an available vaccination.
15. Classify common infectious disease outbreaks linked to natural disasters and reasons for these outbreaks.
16. List recommended vaccinations for displaced persons and responders assisting with recovery efforts in the U.S. after a natural disaster.