

# ASSIGNMENT 9

**Textbook Assignment:** Chapter 13 “*Chemical, Biological, and Radiological (CBR) Defense.*”

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1. Which of the following are weapons of mass destruction?
  1. Chemical weapons
  2. Biological agents
  3. Nuclear weapons
  4. All of the above
2. Which of the following warfare agents are used to kill or disable personnel by affecting their blood, nerves, lungs, or stomach?
  1. CW
  2. BW
  3. Nuclear
  4. All of the above
3. Generally, antipersonnel agents are divided into how many types?
  1. Five
  2. Two
  3. Three
  4. Four
4. Cramps, breathing difficulty, nausea, headache, convulsions, and contractions of the pupils are all symptoms of which of the following types of contamination?
  1. Tear agent
  2. Nerve agent
  3. Choking agent
  4. Blister agent
5. Burns from exposure to mustard vapor will be more serious in which of the following body areas?
  1. Neck
  2. Groin
  3. Armpits
  4. All of the above
6. A person exposed to a blood agent may experience respiratory paralysis within what length of time?
  1. Seconds
  2. Minutes
  3. Hours
7. Atropine and 2-PAM C1 oxime are used to counteract the effects and relieve the symptoms of which of the following agents?
  1. Nerve
  2. Blood
  3. Blister
  4. Choking
8. What type of agents are used to produce temporary misery and harassment?
  1. Blister
  2. Choking
  3. Riot control
  4. Nerve
9. Which of following agents can be used in BW operations?
  1. Living organisms
  2. Toxins
  3. Microtoxins
  4. All of the above
10. Which of the following diseases can be spread as part of a BW attack?
  1. Cholera
  2. Anthrax
  3. Both 1 and 2 above
  4. Mumps
11. In its early stage, which of the following is/are symptoms of BW attack?
  1. Fever
  2. Inflammation
  3. Malaise
  4. Each of the above
12. Nuclear weapons have the capability of destroying areas in which of the following ways?
  1. Blast
  2. Shock
  3. Nuclear radiation
  4. All of the above

13. Nuclear explosions are divided into how many classes?
  1. Five
  2. Two
  3. Three
  4. Four
14. What would be the most effective type of nuclear strike to use against a battle group at sea?
  1. High altitude blast
  2. Air blast
  3. Surface blast
  4. Subsurface burst
15. What type of nuclear strike would be used to destroy satellites and interrupt communications systems through the effects of EMP?
  1. High altitude blast
  2. Air blast
  3. Surface blast
  4. Subsurface burst
16. In what type of nuclear strike would the shock wave near ground zero be greater than the blast wave?
  1. High altitude blast
  2. Air blast
  3. Surface blast
  4. Subsurface burst
17. What are the effects of nuclear weapons?
  1. Blast waves only
  2. Incendiary only
  3. Radiation only
  4. Blast waves, incendiary, and radiation
18. If a nuclear blast at night causes you to experience flash blindness, you can expect your vision to recover in what length of time?
  1. 15 minutes
  2. 2 hours
  3. 3 hours
  4. 45 minutes
19. What type of radiation hazard must enter the body through ingestion or cuts to cause bodily harm?
  1. Alpha particles
  2. Beta particles
  3. Gamma rays
  4. Neutrons
20. What is TREE?
  1. The absorption of EMP by electrical conductors
  2. Interference of passive sonar systems
  3. The affect of gamma or neutron radiation on shipboard electronic systems
  4. Interference of radio transmission through ion fields
21. A survey team is made up of what minimum number of personnel?
  1. Five
  2. Two
  3. Three
  4. Four
22. What person is in charge of a survey team?
  1. Monitor
  2. Recorder
  3. Messenger
  4. Exec
23. Areas contaminated by CW, BW, or nuclear agents are identified by markers having what shape?
  1. Triangular
  2. Hexagonal
  3. Circular
  4. Square
24. Dose rate is expressed in roentgens, which are gamma ray measurements only.
  1. True
  2. False
25. What does the acronym *radiac* stand for?
  1. Radiation decontamination and control
  2. Radiological activity detection and computation
  3. Radioactivity defense, identification, and instrument calibration
  4. Radioactivity detection, indication, and computation
26. The nonself-reading, high-range casualty dosimeter measures what maximum amount of gamma radiation?
  1. 5 roentgens
  2. 200 roentgens
  3. 600 roentgens
  4. 200 milliroentgens

27. What kit is used to check areas suspected to have been contaminated by CW agents?
  1. M248A2 kit
  2. M256A1 kit
  3. M258A1 kit
  4. M262A2 kit
28. Which of the following actions should personnel topside take if an airburst occurs?
  1. Close their eyes
  2. Drop to the deck
  3. Cover as much exposed skin as possible
  4. All of the above
29. Which of the following pieces of protective equipment is/are the most important in protecting you against CBR agents?
  1. Coveralls
  2. Protective mask
  3. Both 1 and 2 above
  4. Steel-toed shoes
30. Protective masks serve how many functions?
  1. One
  2. Two
  3. Three
  4. Four
31. You should be able to don and adjust your protective mask in what maximum amount of time?
  1. 10 seconds
  2. 20 seconds
  3. 30 seconds
  4. 40 seconds
32. The MCU-2/P protective mask has how many voice emitters?
  1. One
  2. Two
  3. Three
  4. Four
33. The chemical protective overgarment consists of how many parts?
  1. One
  2. Two
  3. Three
  4. Four
34. The chemical protective overgarment can be used for protection against radiological contamination.
  1. True
  2. False
35. Which of the following statements best describes the purpose of the mission oriented protective posture (MOPP)?
  1. Provides a means to establish levels of readiness
  2. Provides a method for identifying agents
  3. Provides a means to prevent contaminants from entering the ship
  4. Provides a method for cleansing the ship of CBR agents
36. At what MOPP level would all protective equipment be worn with the hood up and secured?
  1. 1
  2. 2
  3. 3
  4. 4
37. How many levels of decontamination are there?
  1. One
  2. Two
  3. Three
  4. Four
38. A decontamination team usually consists of how many people?
  1. Five
  2. Two
  3. Six
  4. Four
39. What is the most effective way to decontaminate biological agents?
  1. Burning
  2. Using dry heat
  3. Using steam under pressure
  4. Using a chemical disinfectant
40. Aboard ship, a decontamination station has how many parts?
  1. One
  2. Two
  3. Three
  4. Four

41. Showering will destroy nuclear and biological agents.

1. True
2. False

42. The Collective Protection System (CPS) consists of how many protection zones?

1. One
2. Two
3. Three
4. Four

43. Which of the following CPS levels provides the maximum operational protection envelope?

1. Level I
2. Level II
3. Level III
4. Level IV