Biological Safety Training Test Questions

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Print this page. Email or fax the completed test answer page to:

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New Orleans, LA. 70112
Email: kguth@lsuhsc.edu or Fax: 504-568-7399

Record your answers below for the following questions.

1. ______  7. ______  13. ______
2. ______  8. ______  14. ______
3. ______  9. ______  15. ______
4. ______  10. ______  16. ______
5. ______  11. ______  17. ______
6. ______  12. ______  18. ______

19. ______

Standard Code: BSMain
Biological Safety Training Test Questions

1. What is the most common exposure route for laboratory acquired infections (LAIs)?
   a. Percutaneous
   b. Aerosol
   c. Mucosal
   d. Cutaneous

2. The Institutional Biosafety Committee (IBC) is tasked with oversight and review of ________ research conducted at LSUHSC-NO.
   a. Some
   b. All
   c. Only biological
   d. Only high risk

3. The IBC is accountable to which entity regarding research involving recombinant DNA (rDNA)?
   a. Centers for Disease Control (CDC)
   b. Animal and Plant Health Inspection Service (APHIS)
   c. National Institutes of Health Office of Biotechnology Activities (NIH OBA)
   d. United States Department of Agriculture (USDA)

4. Which of the following is NOT a BSL2 agent?
   a. Lentiviral vector
   b. SPF mouse
   c. Rhesus macaque
   d. Human cells, fluids and tissues

5. True or False: eating and drinking is permitted in BSL1 laboratories.
   a. True
   b. False

6. A laboratory-specific biosafety manual is a requirement at ________ and above.
   a. BSL1
   b. BSL2
   c. BSL3
   d. BSL4

7. True or false: training on tasks to which staff is assigned must be refreshed annually and documented.
   a. True
   b. False

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8. A risk assessment can ensure protection of ___________.
   a. Personnel
   b. The environment
   c. The community
   d. Your experiments
   e. All of the above

9. Eye and face protection should be worn for anticipated ___________.
   a. Aerosolization
   b. Splashes and sprays
   c. Neither
   d. Both

10. True or False: surgical masks provide respiratory protection.
    a. True
    b. False

11. Which of the following is NOT an example of a safety sharp?
    a. Syringe with protective shield
    b. Syringe with retractable needle
    c. Blunt-tip blood drawing needle
    d. Glass vacutainer

12. Biological waste boxes should be sealed and placed in hallway for pickup when they exceed
    25 lbs. or are _____.
    a. ½ full
    b. 2/3 full
    c. ¾ full
    d. Completely full

13. True or False: disinfection is the process of removing biohazardous agents.
    a. True
    b. False

14. Which of the following procedures can create aerosols?
    a. Re-suspending centrifuged cells with a pipette
    b. Streaking an agar plate
    c. Making dilutions with a syringe and needle
    d. All of the above
    e. None of the above

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15. Which of the following statements is true regarding hoods/cabinets?
   a. Laminar flow hoods, chemical fume hoods and biological safety cabinets (BSC) can be used interchangeably
   b. A laminar flow hood maintains inward airflow and may be used for work with infectious materials
   c. Chemical fume hoods are HEPA filtered
   d. Biological safety cabinets use HEPA filters and directional airflow to protect both the worker and materials being used

16. True or False: it is recommended that liquid waste be decontaminated with 10% bleach solution and then autoclaved.
   a. True
   b. False

17. rDNA should be a part of the ______________ for your lab, taking into account source, vector, polypeptide product, etc.
   a. Comprehensive risk assessment
   b. Emergency exit plan
   c. Employee incentive program
   d. None of the above

18. You think you may have had an exposure, but are unsure. You check your glove for punctures and find that it is broken. You should assume:
   a. An exposure has occurred
   b. No exposure has occurred
   c. You can continue working; you’re probably fine
   d. No blood, no harm

19. The correct sequence for cleaning a biological spill is:
   a. Disinfect, cover, clean disinfect
   b. Disinfect, disinfect, clean, cover
   c. Clean, disinfect, cover, disinfect
   d. Cover, disinfect, clean, disinfect