

## DOT Training Certification QUIZ

Name: \_\_\_\_\_ Date: \_\_\_\_\_

1. According to DOT regulations, what hazard class is radioactive material?
  - a. Class 2
  - b. Class 5
  - c. Class 7
  
2. How often must DOT training be refreshed?
  - a. Yearly
  - b. Every 2 years
  - c. Every 3 years
  
3. Radioactive material is defined by the DOT as any material containing radionuclides where both the activity concentration and the total activity in the consignment exceed?
  - a. Greater than 2 microcuries per gram
  - b. Nuclide specific values in 49 CFR 173.436
  - c. Greater than 0.002 microcuries per gram
  - d. Less than 0.002 microcuries per gram
  
4. When must packages/shipments of radioactive material be secured from unauthorized removal?
  - a. Whenever the package is in unattended storage.
  - b. Whenever the package is not under surveillance by approved individuals.
  - c. All of the above.
  
5. Is a generator considered to be Special Form?
  - a. Yes
  - b. No
  
6. What is the surface contamination limit ( $\mu\text{Ci}/\text{cm}^2$ ) for radioactive packages containing Mo/Tc?
  - a. 22 dpm/100  $\text{cm}^2$
  - b. 220 dpm/100  $\text{cm}^2$
  - c. 2,200 dpm/100  $\text{cm}^2$
  - d. 22,000 dpm/100  $\text{cm}^2$
  
7. When may radioactive materials in storage, transport or use not be under lock and key?
  - a. Never
  - b. Always
  - c. When under direct surveillance

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8. How many square centimeters of the package must be tested in the wipe test?
  - a. 100 cm<sup>2</sup>
  - b. 300 cm<sup>2</sup>
  - c. 100 in<sup>2</sup>
  
9. When packaging a flood source, is it OK to use a shipping box that has been damaged?
  - a. Yes
  - b. No
  
10. The TI is measured in units of mrem/hour at one foot from the package.
  - a. True
  - b. False
  
11. A surface dose rate measurement of a package is 0.7 mrem/hr, the TI is zero. What category of radioactive label must be used?
  - a. White I
  - b. Yellow II
  - c. Yellow III
  
12. What units of activity MUST be used on the shipping label?
  - a. Curies
  - b. Becquerels
  - c. Arns
  
13. The UN number and proper shipping name must be on the outside of the package and on the shipping papers.
  - a. True, always
  - b. False, always
  - c. True, unless the package is shipped as "Excepted."
  
14. The emergency number listed on the shipping papers must be answered 24/7; what number do you use for Froedtert Hospital?
  - a. 414-805-6540
  - b. 414-805-2071
  - c. 414-805-7070
  
15. How soon after a package arrives must it be opened and surveyed?
  - a. Whenever you get around to it.
  - b. Within 3 hours, or at the beginning of the next work day.
  - c. Packages don't have to be surveyed.
  
16. Hazardous materials are least vulnerable when in transit.  
True \_\_\_\_\_ False \_\_\_\_\_

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17. A driver's license, certifications, passports, and other types of personal identification can be forged with the use of commonplace equipment like scanners and color printers.

True \_\_\_\_\_ False \_\_\_\_\_

18. When you are questioned about radioactive materials transportation, it is important that you know the person asking and that he or she has a need to know.

True \_\_\_\_\_ False \_\_\_\_\_

19. Many materials that are classified as hazardous materials are essential products to industry, but potential deadly weapons in the hands of a terrorist.

True \_\_\_\_\_ False \_\_\_\_\_

20. A careful employee background check and verification of information provided on an employment application can be an effective deterrent to the insider threat.

True \_\_\_\_\_ False \_\_\_\_\_