

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 cm^2
 - b. 220 dpm/100 cm^2
 - c. 2,200 dpm/100 cm^2
 - d. 22,000 dpm/100 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 cm²
 - b. 300 cm²
 - c. 100 in²

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 _____