

## USF Radiation Worker Refresher Exam – 2025

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

E-mail address: \_\_\_\_\_

Name of principal investigator (professor/researcher): \_\_\_\_\_

1. The microcurie ( $\mu\text{Ci}$ ) is used to indicate the amount of radioactive material disposed on a waste tag. (True or False).
2. You cannot use bio-hazardous red or orange waste bags for radioactive waste. (True or False)
3. In a laboratory that is approved and placarded for radioisotope use, lab personnel may drink but not eat, as long as there is no radioactive material stored or in use. (True or False)
4. A laboratory after using P-32 can use the portable survey meter to monitor for radioactive contamination and record those readings on the daily use laboratory schematic. (True or False)
5. Solid waste from the use of P-32 and H-3 can be placed in the same solid waste container. (True or False)
6. If the open-window counted wipe test exceeds **200 cpm** above background, you should recount the wipe vial. If result is still above 200 cpm, you must decontaminate the area and perform another wipe test in area. (True or False)
7. P-32 betas are best shielded by: *lead* / *Plexiglas* (circle one)
8. During decay, Beta Particles (positively or negatively charged electrons) are emitted from the *electron shell* / *nucleus*. (Circle one)
9. Individuals using radioisotopes can wear shorts and flip flops. (True or False)
10. A copy of the USF Radioisotope Record of Use sheet must be turned into the USF Radiation Safety Office when the radioisotope balance is zero. (True or False)
11. Problems with the Plexiglas radioisotope stock vial lock box(es) must be reported to the USF Radiation Safety Office as soon as possible. (True or False)
12. The use of a properly functioning fume hood is required when opening a stock vial of H-3. (True or False)
13. Even a minor spill involving radioactive material needs to be reported to the USF Radiation Safety Office. (True or False)
14. Laboratory personnel must conduct either a wipe test and/or a survey with a Ludlum survey meter after each use of radioisotope. (True or False)
15. Working with the radioisotope H-3 requires the use of lead shielding. (True or False)

Exam completed by: \_\_\_\_\_

***Please sign name***

**Fax form to USF RSO @ 974-7091 or scan and E-mail to aweaver@usf.edu**