

## LATG- Quiz #10: The Guide

1. Which of the following is NOT a function of the IACUC?
  - a. Inspection of facilities
  - b. Review the animal facility budget
  - c. Submission of reports to responsible institutional officials
  - d. Review of proposed uses of animals in research
  
2. Which of the following guidelines is NOT important when considering physical restraints?
  - a. Food and water must be available while the animal is in restraint
  - b. Restraint devices are not to be considered normal methods of housing
  - c. Animals to be placed in restraint devices should be given training to adapt to equipment and personnel
  - d. Veterinary care should be provided if lesions or illnesses associated with the restraint are observed
  
3. Major surgery is defined as:
  - a. Surgery that penetrates and exposes a body cavity or produces substantial impairment of physical or physiologic function
  - b. Surgery that does not penetrate or expose a body cavity
  - c. Surgery that penetrates and exposes the skin of an animal
  - d. Surgery that penetrates and exposes a major blood vessel
  
4. What animal has been used for establishing the basis for animal room illumination levels?
  - a. Hamsters
  - b. Gerbils
  - c. Albino rats
  - d. Guinea pigs
  
5. Solid bottom cages should be changed at least \_\_\_\_\_.
  - a. daily
  - b. once a week
  - c. twice a week
  - d. every other day
  
6. Primary enclosures and cage accessories (e.g., cage tops) should be sanitized at least \_\_\_\_\_.
  - a. once a week
  - b. once every two weeks
  - c. once a month
  - d. once every two months

7. Which infectious agent or disease of laboratory animals listed below would not be an example to serve as a guide in determining the need for separate housing by species?
- Bordetella bronchisepta*
  - Simian hemorrhagic fever
  - Herpesvirus tamarinus*
  - Staphylococcus aureus*
8. \_\_\_\_\_ might be essential when animals obtained from multiple sites or sources differ in pathogen status whether or not the animals are commercial or institutional.
- An in-house vaccination program
  - A standard de-worming program
  - Intraspecies separation
  - Randomization
9. In a non-survival surgery, an animal is \_\_\_\_\_ before recovery from anesthesia.
- given antibiotics
  - tranquilized
  - euthanized
  - clipped and aseptically prepped
10. According to "The Guide", CFD modeling of new facilities and caging might be beneficial. What does CFD stand for?
- Computational Fluid Design
  - Computational Fluid Dynamics
  - Comparative Fluid Design
  - Computational Flow Dynamics