

**RETURN EXAMS TO
Institutional Animal Care and Use Committee
Research and Sponsored Programs, 2237 Andersen Library
800 West Main Street, Whitewater, WI 53190**

PLEASE PRINT

Name

Department

Campus Mailing Address

Email

Campus Phone

Birth Date

Principal Investigator/Research Supervisor

MAILING INFORMATION

Address

City

State

Zip

Classification:
(please check one)

Faculty
 Technician

Academic Staff
 Student

Graduate Student
 Animal Caretaker

Research and Sponsored Programs
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1. The Laboratory Animal Welfare Act establishes specific guidelines for...
 - a. birds
 - b. gerbils
 - c. rats
 - d. mice
 - e. all of the above

2. The United States Department of Agriculture inspects animal facilities and enforces Laboratory Animal Welfare Act provisions for animal ...
 - a. cage size
 - b. veterinary care
 - c. transportation
 - d. diet
 - e. all of the above

3. Which government agency issued permits for the trapping of wild animals?
 - a. Public Health Service
 - b. Department of Natural Resources
 - c. United States Department of Agriculture
 - d. National Science Foundation
 - e. All of the above

4. The Public Health Service (PHS) of the U.S. Department of Health and Human Services regulates all PHS-funded research involving any live ...
 - a. domesticated animal
 - b. vertebrate animal
 - c. rodent, bird, or rabbit species
 - d. vertebrate or invertebrate animals
 - e. mammal

5. According to Public Health Service Policy, an animal care committee is required to ...
 - a. evaluate use of anesthetics in animal research proposals
 - b. check qualifications of personnel involved in animal research
 - c. review care and treatment of animals in all university study areas
 - d. ascertain that proposed research avoids undue animal distress
 - e. all of the above

6. A reference library for animal care and use guidelines and recommendations is available to University of Wisconsin-Whitewater researchers at the ...
 - a. Anderson Library Reserve Collection
 - b. Offices of Biological Sciences and Psychology
 - c. Office of Research and Sponsored Programs
 - d. Provost's Office
 - e. all of the above



7. Which of the following is NOT required on an animal care and use committee?
- the university's attending veterinarian
 - the chief administrator of research programs
 - a member whose primary interest is not scientific
 - a member not associated with the university
 - a practicing scientist with experience in animal research
8. Animal research proposals should be submitted to the animal care and use committee via ...
- the chairperson of the animal care and use committee
 - the Biological Sciences or the Psychology Departments
 - the university's attending veterinarian
 - the Office of Research and Sponsored Programs
 - the Dean of Graduate Studies and Research
9. Animal housing and surgical areas are inspected by the animal care and use committee ...
- every six months
 - every three years
 - every three months
 - monthly
 - weekly
10. The Animal Welfare Act, the Public Health Service, and the University of Wisconsin-Whitewater's policy requires certification of training in laws and regulations concerning animal use and welfare for ...
- all university faculty
 - all faculty supervising animal research
 - all personnel involved in animal use or care
 - all students and faculty in the behavioral and or life sciences
 - all personnel in health and biomedical sciences, or natural sciences
11. Mistreatment of animals should be reported first to ...
- the Humane Society
 - the University of Wisconsin-Whitewater campus police
 - the supervising researcher or the department chair
 - the building or area supervisor
 - the American Veterinary Medical Association
12. All personnel working with animals must have a current ...
- tuberculosis test result
 - hepatitis test result
 - rabies vaccination
 - tetanus vaccination
 - all of the above



13. Animals that die before or during an experiment should be ...
- a. cremated by personnel wearing protective clothing
 - b. submitted to the IACUC veterinarian for necropsy
 - c. reported to the Office of Research and Sponsored Programs
 - d. preserved in 4% formaldehyde and stored for IACUC inspection
 - e. examined for obvious external signs of disease, then sterilized
14. Which animal species may be housed together?
- a. none
 - b. only rats and mice
 - c. rates, mice, and other rodents
 - d. any mammalian species that are compatible
 - e. any species with similar dietary and environmental requirements
15. Infrequent bedding changes may lead to infections of the ...
- a. urinary tract
 - b. respiratory tract
 - c. eyes and ears
 - d. body extremities
 - e. all of the above
16. After opening, animal food should be ...
- a. used within six months
 - b. stored outside the animal facility
 - c. kept in a closed container
 - d. frozen in sealable plastic bags
 - e. used immediately
17. An acceptable animal bedding is ...
- a. pine shaving
 - b. cedar materials
 - c. shredded corn cobs
 - d. all of the above
18. Each animal room should have its own ...
- a. food storage cabinet
 - b. deodorizer
 - c. surgical preparations area
 - d. cleaning supplies
 - e. all of the above



19. A disease that may be transmitted from rabbits to humans is ...
- toxoplasmosis
 - tuberculosis
 - herpes B
 - Salmonella
 - all of the above
20. Rodents may pose risk of infecting careless handlers with ...
- tuberculosis
 - rabies
 - tapeworms
 - toxoplasmosis
 - all of the above
21. Animal bites or scratches should be handled by ...
- euthanizing the animal and submitting it for necropsy
 - washing the wound and seeking medical attention
 - notifying the Walworth County Community Health Services office
 - quarantining the animal facility until inspected
22. Acceptable euthanasia requires ...
- concealment of signs of animal distress
 - logical analgesia, followed by exsanguination
 - rapid unconsciousness, followed by cardiac arrest
 - decerebration, followed by complete dissection
23. A preferred method for euthanasia for rodents is ...
- strychnine injection
 - barbiturate overdose
 - over-anesthetization with MS-222
 - curariform drug injection
 - all of the above
24. Tissue culture alone is not sufficient as a replacement for animal research because ...
- tissues are prone to contaminants
 - tissue cultures lack the complexity of live animals
 - tissue cultures may lack DNA and RNA compatibility
 - tissues are more difficult to store
 - all of the above



25. Investigators may reduce the number of animals used in an experiment by using ...
- computer simulated models
 - animals that are most genetically similar to humans
 - statistical evaluation and good animal health management
 - DNA and blood tests to eliminate incompatible subjects
 - all of the above
26. Animal caretakers and/or student experimenters who fail to report violations of the treatment of a research animal(s) are ...
- covered by university liability policies
 - in violation of federal law and subject to prosecution
 - required to participate in further IACUC training sessions
 - all of the above
27. Animal research ...
- is conducted only when there is a necessity for using living creatures
 - most often cannot be reliably applied to the human situation
 - is warranted only when specific alternatives such as models and computers are not feasible
 - is an unethical, but necessary means to achieve scientific knowledge
28. The most commonly occurring laboratory associated infections are ...
- viral infections from contact with spills, sprays, etc.
 - parasite infections from contact with needles/syringes
 - bacterial infections from animal bites or scratches
 - bacterial infections from needles/syringes
29. Crusty, round lesions and hair loss are symptoms of ...
- dermatomycosis
 - streptococcus
 - salmonella
 - toxoplasmosis
 - herpes B virus
30. To minimize risk of infections from animals, you should ...
- wear protective clothing
 - wear disposable gloves
 - dispose of used needles
 - never eat or drink in animal procedure rooms
 - all of the above

