Questions: Animal Research:

1. How often do approved animal protocols need to be reviewed by the Institutional Animals Care and Use Committee (IACUC)?
    a. Annually
    b. Semiannually
    c. every 2 years
    d. every 3 years

2. The Institutional Animal Care and Use Committee (IACUC) is required to inspect animal facilities a MINIMUM of
    a. once a month
    b. twice a year
    c. once a year
    d. once every three years

3. The PHS policy governing the use and care of animals covers
    a. live, vertebrate animals only
    b. any animal use in research and training
    c. animals involved in research only
    d. animals that might otherwise be kept as pets only.

4. Members of an Institutional Animal Care and Use Committee (IACUC) must be appointed by
    a. funding agency program officer
    b. office of Human Research Protection
    c. responsible administrative official of the organization
    d. research administrator responsible for the committee

5. The Federal Animal Welfare Act applies to which of the following?
    a. vertebrate animals except rats, mice, and birds bred for research
    b. amphibians
    c. insects
    d. farm animals intended for use as food or fiber.

6. Responsible for enforcing the Animal Welfare Act.
    a. Office of Laboratory Animal Welfare
    b. Public Health Service
    c. Animal Plant and Health Inspection Service
    d. American Veterinary Society

7. The 3R's are the guiding principles underpinning the ethical use of animals in research.   They include the following:
    a. Replacement
    b. Reduction
    c. Refinement
    d. All of the above

8.   Using mice instead of dogs or zebrafish instead of mice is an example of
    a.   Replacement
    b.   Refinement
    c.   Reduction
    d.   All of the above

9. Animal research is regulated by
    a.   Animal Welfare Act Regulations
    b.   Public Health Service Policy on Humane Care and Use of Laboratory Animals
    c.   Guide for the Care and Use of Laboratory Animals
    d.   Al of the above.

10. The Animal Welfare Act (AWA) currently covers all **warm-blooded**, **vertebrate animals,** <u>except</u>:
    a.   Farm animals used for agriculture (food or fiber research)
    b.   Birds bred for use in research
    c.   Mice and rats bred for use in research
    d.   All of the above

11. The Animal Welfare Act (AWA) required that research animal facilities be inspected every
    a. 6 months
    b. 12 months
    c. 2years
    d. None of the above

12. PHS funded research covered by PHS policy include
    a. Vertebrate animals excluding mice and rats bred for research
    b. All vertebrate animals
    c. Both of the above
    d. None of the above

13. PHS policy requires that institutions file an assurance with NIH Office for Laboratory Animal Welfare. The assurance includes
  a. Describe the institution's program for the care and use of animals
  b. List the IO (Institutional Official), Attending Veterinarian (AV), and IACUC Chair
  c. Provide qualifications of the IACUC members
  d. All of the above

14. Which of the following abut AAALAC is true?
    a. Is a private nonprofit organization that promotes the humane treatment of animals in science through a voluntary accreditation program

b. AAALAC Accreditation is the "**Gold Standard**" for research organizations
c. After an institution earns accreditation, it must be re-evaluated every three years in order to maintain its accredited status.
d. All of the above

15. The Institutional Animal Care and Use Committee (IACUC) as required b the Animal Welfare Act requires the following minimum membership.
a. Chair, veterinarian and a member of the office of the Vice President for Research
b. Chair, veterinarian and a nonaffiliated member
c. Chair, veterinarian and a member of the SPCA
d. None of the above

16. The Institutional Animal Care and Use Committee (IACUC) duties include
a. Review and approve protocols
b. Review and approve significant changes to protocols
c. Conduct semiannual inspections of animal housing
d. All of the Above

Answers:

1.	d	9.	d
2.	b,	10.	d
3.	a,	11.	a
4.	c,	12.	b
5.	a,	13.	d
6.	c	14.	d
7.	d	15.	b
8.	A	16.	d