

***Principles and Practice of Veterinary Technology 4th  
edition Sirois Test Bank***

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## Chapter 02: Ethical, Legal, and Safety Issues in Veterinary Medicine

### Sirois: Principles and Practice of Veterinary Technology, 4th Edition

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#### MULTIPLE CHOICE

1. A safety rule when working around animals is
  - a. stay alert.
  - b. never mind the behavior of that species of animal.
  - c. have the owner restrain the animal, wherever possible.
  - d. move quickly and quietly, performing the procedure with a minimum of fuss.

ANS: A                      REF: Page 20

2. What is the minimum safety equipment required when using a portable x-ray machine?
  - a. Lead-lined apron and gloves
  - b. Lead-lined gloves and thyroid shield
  - c. Lead-lined apron, gloves, and glasses
  - d. Lead-lined thyroid shield, apron, and gloves

ANS: D                      REF: Page 20

3. The risks of exposure to anesthetic gases can best be reduced by
  - a. limiting the anesthetic time.
  - b. keeping the exhaust fans on during the procedure.
  - c. reducing the concentration of anesthetic gas being delivered to the patient.
  - d. regularly checking the anesthetic machine for leaks and ensuring that the scavenging system is functioning properly.

ANS: C                      REF: Page 22

4. The OSHA Right-to-Know law
  - a. requires that all hospital staff are informed of all chemicals to which they may be exposed while at work.
  - b. advises that you wear safety glasses and gloves when working with hazardous chemicals.
  - c. recommends keeping a list of the type and location of all harmful chemicals that are used in the workplace.
  - d. is unenforceable.

ANS: A                      REF: Page 23

5. Which of these chemicals is monitored by OSHA because of its carcinogenicity?
  - a. Chlorhexidine
  - b. Ethyl alcohol
  - c. Formaldehyde
  - d. Pyrethrins

ANS: C                      REF: Page 25

6. When faced with a robbery, you should
  - a. attempt to escape and call the police.

- b. not surrender any controlled substances.
- c. stall the person while someone else calls the police.
- d. give the person what he or she demands but do not go with him or her.

ANS: D                      REF: Page 25

7. In most instances, when a chemical is transferred from the original bottle to another bottle for use within the hospital, the secondary bottle must be labeled with
- a. a proper prescription label.
  - b. the chemical's name and concentration.
  - c. the name of the chemical and the appropriate warnings.
  - d. the chemical name, any appropriate warning, and the name and address of the manufacturer.

ANS: C                      REF: Page 24

8. Which of the following is addressed in the "Three R's" that guide biomedical research?
- a. Refinement
  - b. Respect
  - c. Release
  - d. Repair

ANS: A                      REF: Page 14

9. The "Guide for the Care and Use of Laboratory Animals" is published by
- a. Institutional Animal Care and Use Committee.
  - b. U.S. Food and Drug Administration.
  - c. Centers for Disease Control.
  - d. National Research Council.

ANS: D                      REF: Page 17

10. By attending a Veterinary Board of Examiners meeting open to the public, you will
- a. watch the board of examiners while in executive session.
  - b. learn how to avoid license revocation.
  - c. learn how to document records.
  - d. be able to report animal abuse.

ANS: B                      REF: Page 13

11. Peer assistance is offered by veterinary associations to professionals who are
- a. struggling with substance abuse addiction.
  - b. wanting to apply for more education.
  - c. wishing to receive financial grants.
  - d. receiving awards.

ANS: A                      REF: Page 13

12. Consent forms help to establish
- a. credit applications.
  - b. invitations to upcoming events.
  - c. the doctor-patient-client relationship.
  - d. opportunities to compromise client confidentiality.

ANS: C                      REF: Page 14

13. Laws derived by legislation are
- the same as ethics.
  - established in general conversation.
  - broken by well-intentioned individuals.
  - maximum limits from which we can deviate from the acceptable norm.

ANS: D                      REF: Page 11

14. Ethics can be defined as
- the system of moral principles for appropriate behavior and actions in a society.
  - accepted rudeness among a specific group of professionals.
  - political parties rationalizing each other's similarities.
  - general acceptance of random acts of kindness.

ANS: A                      REF: Page 12

15. Which law was created in 1970 by Congress to regulate the manufacturing, distribution, dispensing, and delivery of drugs having the potential for abuse?
- The Drug Enforcement Agency
  - The Controlled Substances Act
  - The Comprehensive Drug Abuse Prevention and Control Act
  - The American Society of Prevention to Cruelty of Animals

ANS: C                      REF: Page 16

16. Which law is most applicable to the veterinary community regarding the drugs used by veterinarians?
- Occupational Safety and Health Act (OSHA)
  - Controlled Substances Act (CSA)
  - Animal Welfare Act (AWA)
  - Common law

ANS: B                      REF: Page 16

17. Respondeat superior is defined as
- an employer who is responsible for employees' actions.
  - a university director or dean of a research center.
  - a manager of operations at a veterinary hospital.
  - a career counselor or veterinary instructor.

ANS: A                      REF: Page 15

18. The mission of the Board of Veterinary Medical Examiners is to
- protect the consumer.
  - protect the veterinarian.
  - protect the veterinary hospital.
  - protect the veterinary technician.

ANS: A                      REF: Page 13

19. If a veterinary technician were concerned with overtime pay and wages, research could be done on
- the Veterinary Medical Association website.
  - the Veterinary Technician Association website.
  - the United States Department of Labor website.
  - the Veterinary Medical Board of Examiners website.

ANS: C

REF: Page 16

20. Veterinary technicians who believe their employer has been unjust in the hiring process may contact the
- U.S. Department of Labor.
  - American Animal Hospital Association.
  - American Veterinary Medical Association.
  - state Veterinary Technician Association.

ANS: A

REF: Page 16

21. For veterinary team members to be paid appropriately and to determine that hours are being properly recorded, employees are required to use a
- time card.
  - laboratory log.
  - workmen's compensation.
  - equal employment opportunity document.

ANS: A

REF: Page 16

22. Technicians may find the Veterinary Technician Code of Ethics on
- their state technician website.
  - the AVMA website.
  - the NAVTA website.
  - the AAVSB website.

ANS: C

REF: Page 12

23. The human–animal bond can be defined as
- any gracious act toward a pet.
  - responsible ownership regardless of attitude toward animals.
  - a special, healthy relationship between people and their pets.
  - a nagging anticipation that a pet needs our undivided attention.

ANS: C

REF: Page 12

24. In 1866 the ASPCA was created, which is the
- American Society for the Prevention of Cruelty to Animals.
  - Association Supporting Prevention of Cruelty to Animals.
  - American Society Preventing the Cruelty to Animals.
  - Animal Society for Preventing Cruelty Association.

ANS: A

REF: Page 12

25. Each state has a governmental entity that meets as a group, interpreting the laws as related to veterinary medicine and determining cases that fall short, not offering the appropriate standard of care. This government group is the
- Board of Veterinary Medical Examiners.
  - State Department of Regulatory Agencies.
  - State Board of Veterinary Standards of Care.
  - Board of Veterinary Laws and Interpretation.

ANS: A                      REF: Page 13

26. Malpractice or negligence must be determined by the Veterinary State Board of Examiners in order to
- press charges against a veterinarian or technician.
  - require a veterinarian or technician to find a different career path.
  - insist that a veterinarian or technician write an apology letter to the offended client.
  - impose penalties and fines, require further education in recordkeeping, send letters of guidance or admonition, or mandate retraining to avoid future complaints.

ANS: D                      REF: Page 13

27. \_\_\_\_\_ is/are the single biggest defense against a complaint.
- Lab reports
  - Record keeping
  - Public speaking
  - Verbal conversation

ANS: B                      REF: Page 13

28. \_\_\_\_\_ can be used as an educational tool and help define the veterinarian–client–patient relationship.
- Patient sign-in sheets
  - Euthanasia forms
  - Consent forms
  - E-mail

ANS: C                      REF: Page 14

29. The laws affecting a veterinary practice can be divided into two groups:
- (1) laws that provide the requirement of an employee handbook and (2) laws that require job descriptions.
  - (1) laws that require all managers to be certified and (2) laws that offer quality care to patients.
  - (1) laws that offer adequate pain relief to pets and (2) laws that meet general standards of work employment, communication, and career development.
  - (1) laws that ensure the quality of veterinary service to patients and (2) laws that provide a nonhostile and safe environment for employees, clients, and the public.

ANS: D                      REF: Page 14

30. \_\_\_\_\_ of each state is the law defining which persons may practice veterinary medicine and surgery in the state, and under which conditions.
- The Veterinary Practice Act

- b. The Veterinary State Board
- c. The Veterinary Medical Act
- d. The Medical Exam

ANS: A                      REF: Page 14

31. The \_\_\_\_\_ establishes minimum wage, overtime, recordkeeping, and youth employment standards for employees working in the private sector and in government.
- a. Fair Labor Standard Act
  - b. Labor Standards Department
  - c. Department of Veterinary Affairs
  - d. Department of Regulatory Agencies

ANS: A                      REF: Page 16

32. Nonexempt employees
- a. are placed on salaries because of their desire to not use a time clock.
  - b. may have lunch whenever they choose.
  - c. are not entitled to overtime.
  - d. are eligible for overtime.

ANS: D                      REF: Page 16

33. The \_\_\_\_\_ is the primary federal law enforcement agency responsible for combating the abuse of controlled drugs.
- a. Enforcement Drug Act
  - b. Dangerous Drug Agency
  - c. Drug Enforcement Agency
  - d. Agency Enforcing Drug Compliance

ANS: C                      REF: Page 16

34. Both the \_\_\_\_\_ require research institutions to conform to the regulations found in the *Policy on Humane Care and Use of Laboratory Animals*.
- a. United States Department of Agriculture and the National Institutes of Health
  - b. United States Department of Agriculture and Animal Welfare Act
  - c. Department of Animal Welfare and Health Research Extension Act
  - d. National Institutes of Health and Animal Welfare Act

ANS: A                      REF: Page 17

35. The agents in \_\_\_\_\_ are those that ordinarily do not cause disease in humans, similar to the hazards found in an average kitchen.
- a. biosafety level IV
  - b. biosafety level III
  - c. biosafety level II
  - d. biosafety level I

ANS: D                      REF: Page 18

36. It is unlikely that persons with limited experience in handling biohazards will ever encounter substances that are included in \_\_\_\_\_, which include Ebola and Marburg viruses and other dangerous and exotic agents.
- biosafety level IV
  - biosafety level III
  - biosafety level II
  - biosafety level I

ANS: A                      REF: Page 19

37. It is \_\_\_\_\_ acceptable to use stairways as storage areas.
- sometimes
  - always
  - never

ANS: C                      REF: Page 19

38. It is best to have a minimum of two refrigerators:
- one for biologics and one for employee food.
  - one for vaccines and one for laboratory supplies.
  - one for the office staff and one for the technical staff.
  - one for culture samples and one for canned dog food.

ANS: A                      REF: Page 20

39. PPE stands for
- Personal Preference Equipment.
  - Preference Protective Equipment.
  - Personal Protective Equipment.
  - Personal Property Evaluation.

ANS: C                      REF: Page 20

40. Rabies virus is spread by contact with an infected animal's
- saliva.
  - blood.
  - breath.
  - urine.

ANS: A                      REF: Page 21

41. \_\_\_\_\_ is a superficial skin infection caused by the fungus *Microsporum canis*.
- Rabies
  - Ringworm
  - Roundworm
  - Cat scratch fever

ANS: B                      REF: Page 21

42. \_\_\_\_\_ can cause a condition known as cutaneous larva migrans.
- Hookworms
  - Roundworms
  - Ringworm

d. Cysts

ANS: A

REF: Page 21

43. Mites causing \_\_\_\_\_ can easily infest people.
- a. migrans
  - b. hair loss
  - c. hearing loss
  - d. sarcoptic mange

ANS: D

REF: Page 22

44. The coccidian parasite \_\_\_\_\_ can infect cats and people and may cause serious problems to the fetus of pregnant women.
- a. ascarid
  - b. hookworm
  - c. roundworm
  - d. *Toxoplasma gondii*

ANS: D

REF: Page 22

45. Always use the \_\_\_\_\_ to restrict the primary beam, isolating the area to be radiographed and minimizing the scatter radiation.
- a. bucky
  - b. ALARA
  - c. collimator
  - d. lead plates

ANS: C

REF: Page 22

46. \_\_\_\_\_ add safety protection in that fewer radiographs are taken because the film can be enhanced.
- a. Hand-dipped and developed radiographs
  - b. Processed developed radiographs
  - c. Charted radiographs
  - d. Digital radiographs

ANS: D

REF: Page 22

47. Take extreme care when mixing, transferring, agitating, or transporting \_\_\_\_\_, and do this only in a well-ventilated area.
- a. radiographic developing chemicals
  - b. distilled water supplies
  - c. cleaning products
  - d. culture plates

ANS: A

REF: Page 22

48. Always check for leaks in the hoses, attachments, or valves on \_\_\_\_\_ before use.
- a. anesthetic machines
  - b. cautery units
  - c. dental units

d. autoclaves

ANS: A

REF: Page 22

49. A well-designed \_\_\_\_\_ captures excess gases directly from the anesthetic machine and transports them to a safe exhaust port, sometimes outside the building.
- a. scavenging system
  - b. oxygen flow
  - c. collated file
  - d. gas system

ANS: A

REF: Page 22

50. Always secure \_\_\_\_\_ in an upright position by means of a chain or strap, whether large or small.
- a. dental units
  - b. oxygen tanks
  - c. anesthetic machines
  - d. disinfectants and pesticides

ANS: B

REF: Page 23

51. State and local laws may prevent your hospital from using inappropriate \_\_\_\_\_, and fines may be levied against the hospital if they do not meet established standards.
- a. cattle chutes
  - b. refrigerators
  - c. milk containers
  - d. sharps containers

ANS: D

REF: Page 23

52. \_\_\_\_\_ must be provided by the employer at no cost to you.
- a. PPE
  - b. Uniforms
  - c. Motorized vehicles
  - d. Continuing education

ANS: A

REF: Page 20

53. MSDS stands for
- a. Mobile Station Data Sheets.
  - b. Material Safety Data Sheets.
  - c. Material Sheets Data Station.
  - d. Mixing Safety Description Sheets.

ANS: B

REF: Page 24

54. Detailed information about every chemical found in your hospital can be found on the
- a. FLSA.
  - b. DSMA.
  - c. MSDS.
  - d. OSHA.

ANS: C

REF: Page 24

55. Ethylene oxide is a potent \_\_\_\_\_.
- a. depressant
  - b. aphrodisiac
  - c. acid cleaner
  - d. human carcinogen

ANS: D

REF: Page 24

56. Which is transmitted to a human host by the bite of an infected deer tick?
- a. Cutaneous larva migrans
  - b. *Borrelia burgdorferi*
  - c. *Toxoplasma gondii*
  - d. Sarcoptic mange

ANS: B

REF: Page 20

57. Why should a pregnant woman avoid cleaning cat litter pans?
- a. Cats are prone to bite people who interfere with their litter.
  - b. Feline pheromones can interfere with human fetal development.
  - c. Toxoplasmosis can be acquired from infectious oocysts in cat feces.
  - d. Ringworm (*Microsporum canis*) is usually acquired by handling animal feces.

ANS: C

REF: Page 20

58. Which is the most appropriate initial response to breaking a bottle of liquid anesthetic?
- a. Wipe up with clean dry cloths only.
  - b. Clean spill with lots of cold, clear water (no soap).
  - c. Control liquid with a spill kit absorbent or kitty litter.
  - d. Immediately evacuate all people from the affected area.

ANS: D

REF: Page 21

59. Which is most caustic to tissues and some metals?
- a. Liquid anesthetic
  - b. Carbon dioxide
  - c. Wet soda lime
  - d. Oxygen

ANS: C

REF: Page 21

60. Which is the most appropriate way to recap a used needle when necessary?
- a. Remove the needle from the syringe; then recap the needle.
  - b. With the cap lying flat, use two hands to push the needle into the cap.
  - c. Use two hands to recap; then remove both from the syringe together.
  - d. With the cap lying flat, thread the needle into the cap with one hand.

ANS: D

REF: Page 22