

Name: _____

Certification Number: _____

Date: _____

RECERTIFICATION EDUCATION UNIT QUIZ

Quarter 4, 2024

Approved for all categories except Private 2 and 3, and Commercial 11

“Pets and Pesticides: Benefits and Potential Risks; Pollinator Protection; 10 Years with CRB in Hawaii; Surface and Groundwater”

- 1) Which of the following is an example of an ectoparasite?
 - a. Tapeworms
 - b. Fleas
 - c. Nematodes
 - d. Mosquitos

- 2) Which of the following statements is true?
 - a. Bait stations are inherently safe because they provide an enclosed area to house the poison.
 - b. Additional steps are necessary to secure bait stations so they cannot be accessed by pets or children.

- 3) Complete this statement: ‘Hazard = _____ x _____’
 - a. Danger x Exposure
 - b. Toxicity x Risk
 - c. Danger x Risk
 - d. Toxicity x Exposure

- 4) You can reduce your pet’s likelihood of flea and tick exposure by keeping your house clean and occasionally bathing your pets.
 - a. True
 - b. False

- 5) Properly reading and following label directions for pesticides applied to pets is important because...
 - a. Certain products are labeled for use on specific pets (cats, dogs, etc.).
 - b. The weight range on the label determines the application rate, pets outside the stated weight range may have too little or too much product applied to them.
 - c. The pest impacting your pet may not be specified as a target of the pesticide you are applying to your pet.
 - d. All of the above



- 6) Which of the following statements is true?
- Counterfeit products are less of a problem than they used to be, but some still exist.
 - Counterfeit products have been phased out by proper EPA labeling and registration requirements.
- 7) List 4 pollinators that are NOT honeybees.
- _____
 - _____
 - _____
 - _____
- 8) Pollinators provide services to humans with an estimated annual economic value of...
- \$1 billion
 - \$5 billion
 - \$10 billion
 - \$15 billion
- 9) Most pollinator poisoning occurs when insecticides are applied to crops during which period?
- Vegetative
 - Fallow
 - Blooming
 - Fruiting
- 10) A scientific study which examines pesticide exposure of domestic honeybees next to organic and non-organic certified farms would be considered in which tier of the risk assessment framework provided by the EPA?
- Tier 1
 - Tier 2
 - Tier 3
- 11) A pesticide with an RT25 value greater than 8 hours would be considered to have...
- Extended Residual Toxicity
 - Limited Residual Toxicity
 - Persistent Residual Toxicity
 - Excessive Residual Toxicity
- 12) Which of the following statements is true?
- Surface water and ground water are connected, so cross-contamination can occur.
 - Surface water and ground water are separated, meaning pollution in one cannot cross over to the other.



13) Which of these soil compositions is most likely to adsorb pesticide molecules?

- a. Sandy soil, low in organic matter
- b. Clay soil, high in organic matter
- c. Sandy soil, high in organic matter
- d. Loamy soil, high in organic matter

14) List one drawback and one benefit to a pesticide with a RT25 value greater than 8 hours.

- a. _____
- b. _____

15) Briefly define the four types of degradation processes in your own words.

- a. Photolysis: _____

- b. Hydrolysis: _____

- c. Microbial Degradation: _____

- d. Volatilization _____

16) Which of the following soil compositions is least likely to cause runoff?

- a. Dry, clay soil
- b. Wet, sandy soil
- c. Wet, clay soil
- d. Dry, sandy soil

17) Which of the following pesticides is most likely to be found in runoff water?

- a. Low solubility, high persistence, applied by injection
- b. High solubility, low persistence, applied as foliar spray
- c. High solubility, high persistence, applied as soil drench
- d. Low solubility, low persistence, applied via granular spreading



18) A farmer is worried about mitigating runoff from their fields to a local stream. They have a parcel of land which is on a moderate slope with sparse vegetation when not in cultivation. What recommendations would you give to them if they were to ask you for help?

I attest that I am the individual completing this quiz for course number **XXXX** and understand that should it be proven false, the continuing education credits approved for this course will be denied and I may be subject to penalties for making false or fraudulent representations.

Signature of Applicant

