ACE Practice Exam

True/False
*Indicate whether the sentence or statement is true or false.*

____ 1. When a pesticide label states that it is “For sale to and use by professional pest control applicators only”, it is considered a Restricted Use Pesticide.

____ 2. Insect repellents are required to carry an EPA-approved label, subject to the same requirements of an insecticide or herbicide label.

____ 3. The Federal Insecticide, Fungicide and Rodenticide Act requires certain information to be printed on each pesticide label.

____ 4. A pesticide may be used to control a pest not specifically listed on the label as long as the site where the pesticide is to be applied IS listed on the label.

Multiple Choice
*Identify the letter of the choice that best completes the statement or answers the question.*

____ 5. The insecticide imidacloprid works through what mode of action?
   a. nervous system toxin  
   b. metabolic toxin  
   c. juvenile hormone mimic  
   d. physical poison

____ 6. Which of the following ant species has two petiole nodes?
   a. odorous house ant, *Tapinoma sessile*  
   b. pharaoh ant, *Monomorium pharaonis*  
   c. field ant, *Formica* spp.  
   d. carpenter ant, *Camponotus* spp.

____ 7. In what site are you most likely to find fungus gnats breeding indoors?
   a. moldy bread  
   b. shower drain  
   c. potted plant  
   d. rotting fruit

____ 8. What type of metamorphosis does a bed bug go through?
   a. complete  
   b. gradual  
   c. indirect  
   d. no metamorphosis

____ 9. Electrocuting-type light traps are not allowed in food handling areas because of problems with
   a. effect of UV light on some foods  
   b. attracting flies to food handling area  
   c. hazards of UV light to workers  
   d. contamination of food preparation areas

____ 10. Which of the following is NOT an identification character of Lyctid powderpost beetles?
    a. small, 1/4 to 1/8 inch-long beetle  
    b. antennae nearly the same length as the body  
    c. head visible from above  
    d. two-segmented club

____ 11. Box elder bugs have what type of mouthparts?
    a. chewing  
    b. piercing/sucking  
    c. rasping/sucking  
    d. siphoning

____ 12. To what scientific group (Phylum) do insects, spiders, and mites all belong?
    a. Hexapoda  
    b. Chelicerata  
    c. Arthropoda  
    d. Arachnida
13. Which of the following is an example of biological control?
   a. use of hormone-mimic insecticide  
   b. use of enzyme-based drain cleaner  
   c. use of fungi to control termites in wall  
   d. none of the above

14. Which of the following steps are NOT part of the IPM process?
   a. pest identification  
   b. inspection  
   c. treatment  
   d. all are part of the IPM process

15. Which of the following insecticides are not considered a fumigant?
   a. methyl bromide  
   b. sulfuryl flouride  
   c. naphthalene  
   d. methyl parathion

16. What type of insecticide formulation consists of an active ingredient sprayed onto, or mixed with an edible substrate?
   a. emulsifiable concentrate  
   b. bait  
   c. granular  
   d. paste

17. Which of the following is an example of a benzoyl urea insecticide?
   a. pyriproxifen  
   b. acephate  
   c. noviflumeron  
   d. lambda-cyhalothrin

18. What federal regulatory agency that partly oversees activities of the pest control industry was established by President Nixon in 1970?
   a. Environmental Protection Agency  
   b. Department of Transportation  
   c. Department of Homeland Security  
   d. Food and Drug Administration
ACE Practice Exam
Answer Section

TRUE/FALSE

1. ANS: F
2. ANS: T
3. ANS: T
4. ANS: T

MULTIPLE CHOICE

5. ANS: A
6. ANS: B
7. ANS: C
8. ANS: B
9. ANS: D
10. ANS: B
11. ANS: B
12. ANS: C DIF: A
   REF: Owens, Corrigan and Bennett, Truman’s Scientific Guide to Pest Management Operations.
13. ANS: C
14. ANS: D
15. ANS: D
16. ANS: B
17. ANS: C
18. ANS: A