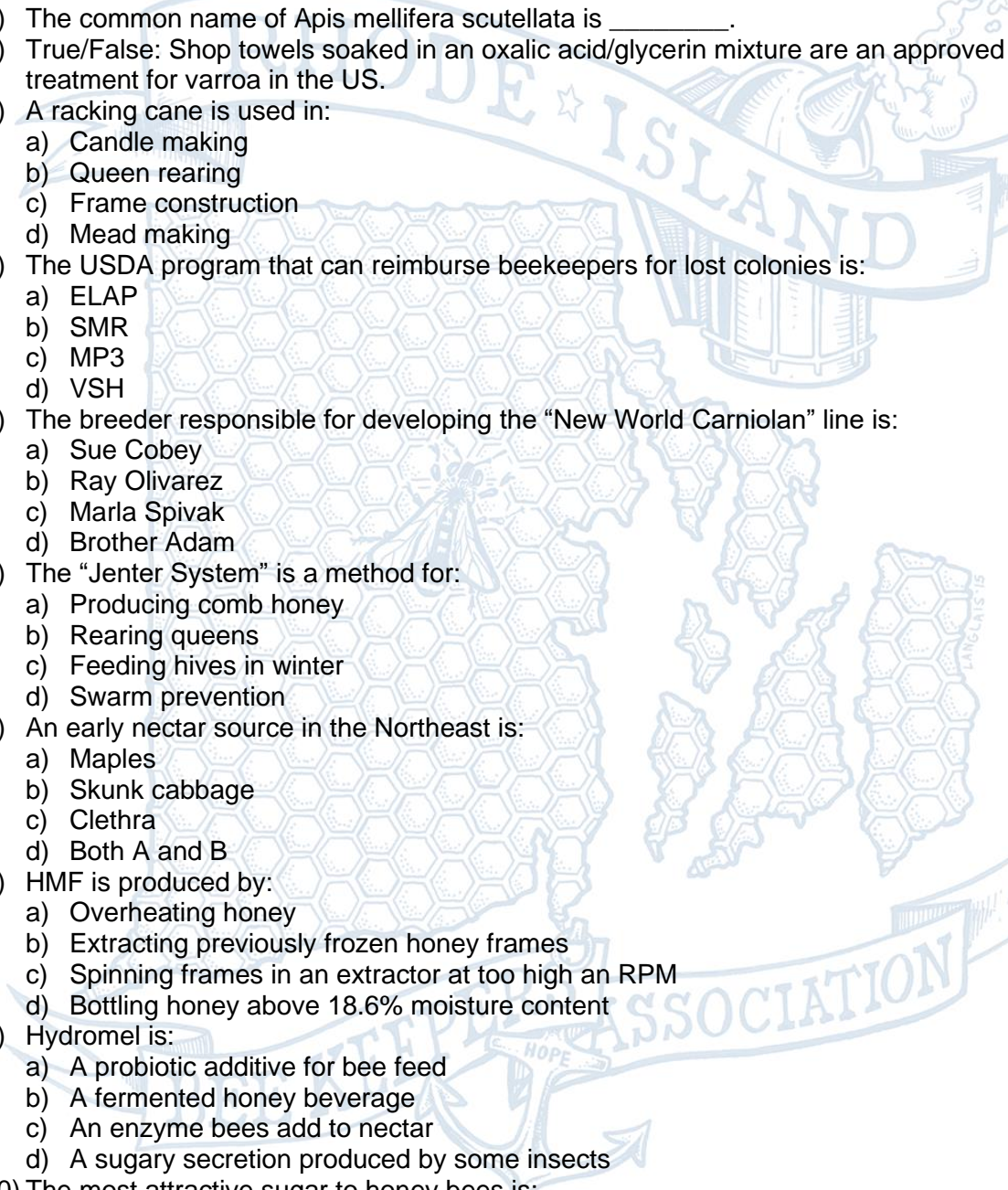
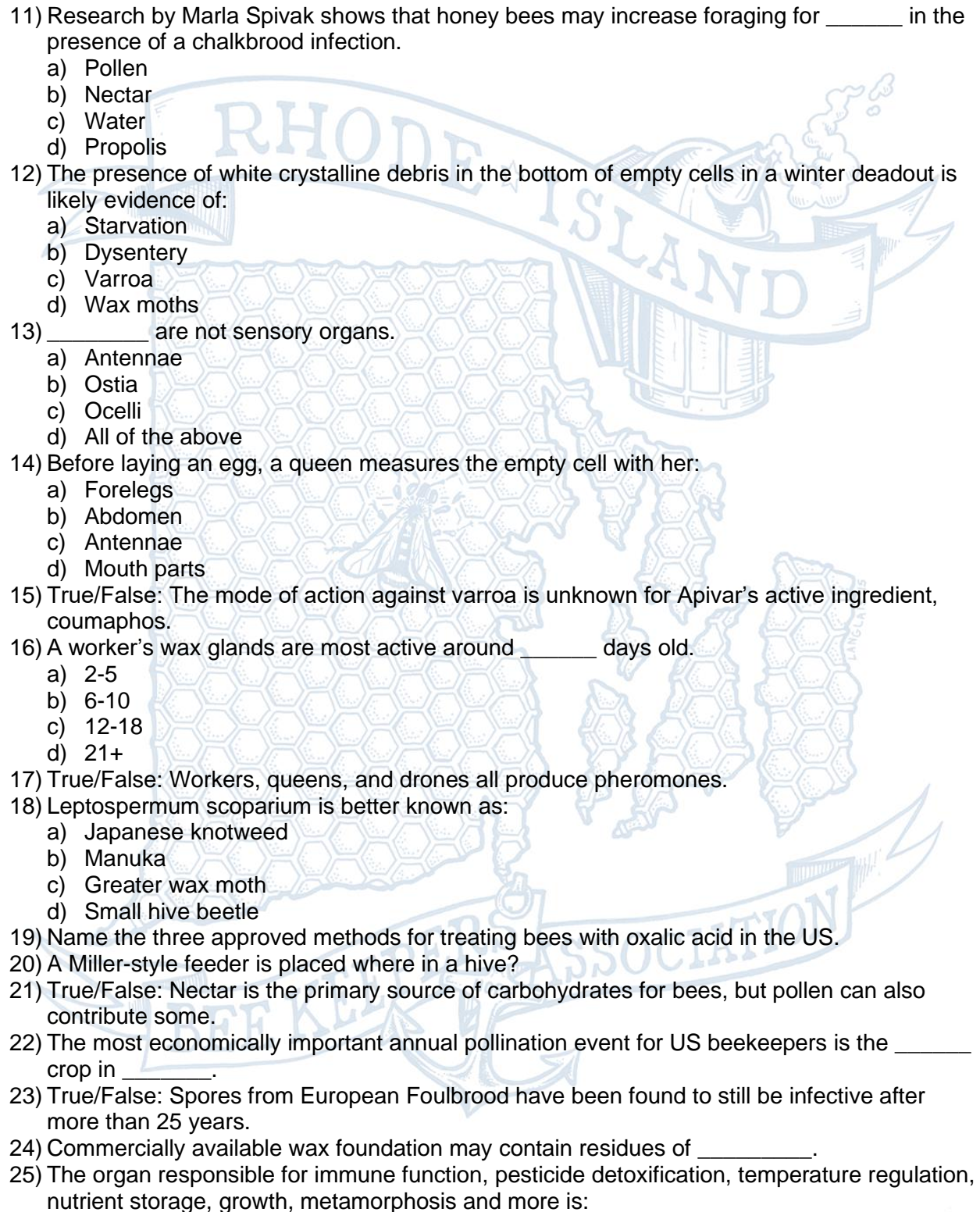


RIBA Master Beekeeper Practice Quiz 08

- 1) The common name of *Apis mellifera scutellata* is _____.
 - 2) True/False: Shop towels soaked in an oxalic acid/glycerin mixture are an approved treatment for varroa in the US.
 - 3) A racking cane is used in:
 - a) Candle making
 - b) Queen rearing
 - c) Frame construction
 - d) Mead making
 - 4) The USDA program that can reimburse beekeepers for lost colonies is:
 - a) ELAP
 - b) SMR
 - c) MP3
 - d) VSH
 - 5) The breeder responsible for developing the "New World Carniolan" line is:
 - a) Sue Cobey
 - b) Ray Olivarez
 - c) Marla Spivak
 - d) Brother Adam
 - 6) The "Jenter System" is a method for:
 - a) Producing comb honey
 - b) Rearing queens
 - c) Feeding hives in winter
 - d) Swarm prevention
 - 7) An early nectar source in the Northeast is:
 - a) Maples
 - b) Skunk cabbage
 - c) Clethra
 - d) Both A and B
 - 8) HMF is produced by:
 - a) Overheating honey
 - b) Extracting previously frozen honey frames
 - c) Spinning frames in an extractor at too high an RPM
 - d) Bottling honey above 18.6% moisture content
 - 9) Hydromel is:
 - a) A probiotic additive for bee feed
 - b) A fermented honey beverage
 - c) An enzyme bees add to nectar
 - d) A sugary secretion produced by some insects
 - 10) The most attractive sugar to honey bees is:
 - a) Fructose
 - b) Lactose
 - c) Sucrose
 - d) Glucose
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- 11) Research by Marla Spivak shows that honey bees may increase foraging for _____ in the presence of a chalkbrood infection.
- Pollen
 - Nectar
 - Water
 - Propolis
- 12) The presence of white crystalline debris in the bottom of empty cells in a winter deadout is likely evidence of:
- Starvation
 - Dysentery
 - Varroa
 - Wax moths
- 13) _____ are not sensory organs.
- Antennae
 - Ostia
 - Ocelli
 - All of the above
- 14) Before laying an egg, a queen measures the empty cell with her:
- Forelegs
 - Abdomen
 - Antennae
 - Mouth parts
- 15) True/False: The mode of action against varroa is unknown for Apivar's active ingredient, coumaphos.
- 16) A worker's wax glands are most active around _____ days old.
- 2-5
 - 6-10
 - 12-18
 - 21+
- 17) True/False: Workers, queens, and drones all produce pheromones.
- 18) *Leptospermum scoparium* is better known as:
- Japanese knotweed
 - Manuka
 - Greater wax moth
 - Small hive beetle
- 19) Name the three approved methods for treating bees with oxalic acid in the US.
- 20) A Miller-style feeder is placed where in a hive?
- 21) True/False: Nectar is the primary source of carbohydrates for bees, but pollen can also contribute some.
- 22) The most economically important annual pollination event for US beekeepers is the _____ crop in _____.
- 23) True/False: Spores from European Foulbrood have been found to still be infective after more than 25 years.
- 24) Commercially available wax foundation may contain residues of _____.
- 25) The organ responsible for immune function, pesticide detoxification, temperature regulation, nutrient storage, growth, metamorphosis and more is:

Answers

1. The Africanized/African honey bee
 2. False
 3. D - mead making
 4. A - ELAP (Emergency Assistance for Livestock, Honey Bees, and Farm-raised Fish)
 5. A - Sue Cobey
 6. B - rearing queens
 7. A - maples (skunk cabbage provides early pollen, but not nectar)
 8. A - overheating honey
 9. B - a fermented honey beverage
 10. C - sucrose
 11. D - propolis
 12. C - varroa
 13. B - ostia are openings in the heart
 14. A - forelegs
 15. False; Apivar's active ingredient is amitraz, not coumaphos
 16. C - 12-18 days
 17. True
 18. B - manuka
 19. Vaporization, dribble, and spraying new packages
 20. On top of the hive
 21. True
 22. Almond; California
 23. False; EFB does not produce spores
 24. Pesticides
 25. Fat body
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