
ASSIGNMENT 4

Name: _____

Student Number: _____

Grade: _____/100

MULTIPLE CHOICE: PLACE THE LETTER OF THE MOST CORRECT ANSWER IN THE BLANK SPACE NEXT TO THE QUESTION NUMBER. (3 POINTS EACH)

- _____1. Foragers returning to the hive most commonly carry
- nectar
 - wax
 - pollen
 - water
 - propolis
- _____2. Scout bees
- are most common during honeyflows
 - are most common during dearth periods
 - tend to be younger than guard bees
 - contain less 2-nanol than nurse bees
 - two of the above
- _____3. An average forage will
- visit two or more species of flowers per trip
 - visit 10-15 flowers of the same species per trip
 - visit over 150 flowers per trip
 - return to the nest carrying about her own body weight in nectar
 - none of the above
- _____4. Uncapped honey
- is the best honey to extract
 - has less sucrose than capped honey
 - has a higher water content than capped honey
 - is lighter colored than capped honey
 - none of the above

- _____5. Crystallized honey
- a. is defective and should be used only as bee feed
 - b. only occurs after improper extraction
 - c. is found in colonies during the summer months
 - d. is particularly common with horsemint honey
 - e. none of the above
- _____6. During the winter colonies should
- a. have a top entrance for ventilation
 - b. be fed sugar all winter long
 - c. be inspected for queenlessness monthly
 - d. have large entrances to facilitate honey drying
 - e. none of the above
- _____7. Old cappings
- a. can be melted down and fed back to the bees
 - b. should be used as wax moth baits
 - c. can be frozen and then extracted
 - d. can be melted down and made into foundation
 - e. none of the above
- _____8. Colonies with American Foul Brood (AFB) should be
- a. treated with antibiotics
 - b. requeened
 - c. burned
 - d. united with stronger colonies
 - e. none of the above
- _____9. Chalkbrood is caused by
- a. a fungus
 - b. a bacteria
 - c. a protozoan
 - d. too much calcium in the bees' diet
 - e. none of the above
- _____10. The water content of honey should be
- a. less than 18%
 - b. over 10%
 - c. increased prior to bottling
 - d. increased prior to extracting by placing colonies in a wet room
 - e. none of the above

LONG ANSWER: ANSWER THE FOLLOWING QUESTIONS. (10 POINTS EACH)

1. Discuss pesticide problems relating to beekeeping, including symptoms, distinguishing from disease, and preventing pesticide impact.
2. Describe the setup of a good honey house, indicating the positive aspects of your arrangements. Use a diagram if it helps you answer the question.
3. How do workers recruit other workers to a good floral nectar source?
4. Discuss the advantages and disadvantages of the various methods used to remove honey from colonies.

3.

4.