

Bee Biology / Anatomy Test

1. Name the Genus of the Honeybee?
2. Name the species of the honeybee we raise.
3. Name two races of the honeybee.
4. Name the 3 members of the honeybee colony.
5. What are the 4 stages of development?
6. What are the 3 major sections of the bee's body?
7. The queen lays approximately how many eggs a day?
8. The worker bee is a _____? And what kind of egg?
9. The drone is a _____? And is what kind of egg?
10. Approximately how many days does a worker bee live in the summer?
11. Approximately how long does a queen live?
12. How long is the brood cycle for a Queen (Egg to Adult)?
13. How long is the brood cycle for a Worker bee?
14. How long is the brood cycle for a drone?
15. Why is it important to know what the brood cycle of the drone is?
16. What are all eggs/larvae fed first?
17. What are the larvae of the worker bee and the drone fed after #16
18. What is the queen egg not fed?
19. How does a bee breathe?
20. Why does a bee collect nectar?
21. Why does a bee collect pollen?
22. Do adult bees eat pollen?
23. Where do the bees put nectar?
24. What do the bees use nectar for?
25. Does a queen have a stinger?

Pest and Diseases

1. Name the 4 brood diseases (diseases that affect during the brood cycle).
2. What does AFB stand for?
3. How to you diagnose AFB? Hint: there are two ways!
4. How is AFB Tansmitted
5. Is AFB curable?
6. What is the treatment for European Foulbrood?
7. What are two ways to combat Chalkbrood?
8. Name one adult disease (affects only the adult bees).
9. What is the recommended treatment for #8?
10. What are two signs of Nosema?
11. Name two parasites that affect the bees.
12. What is the #1 killer of honeybees? Hint: One of the parasites!
13. Name two treatment methods for the #1 killer of honeybees.
14. Why is a screened bottom board important?
15. What does IPM stand for?
16. What is the treatment for tracheal mites?
17. Name two predators that affect the bees.
18. How do you treat for Small Hive Beetle?
19. What is one way to treat for Wax Moths? What should you never treat with?
20. Name 4 stress factors.
21. What is the number one best way to manage all of the diseases and parasites that affect the honeybees?
22. What is a pesticide?
23. What is a miticide?