

## Hive Manipulation, Inspection and Package Installation Test Answers

1. What is the first thing you should do before installing a package or a nuc?  
**HAVE A PLAN; make sure you have all your Equipment. Practice lighting your smoker, Make your sugar water, ,**
2. What are some of the things you should have in your “tool box”? **HIVE TOOL, FRAME RACK, SMOKER, BEE BRUSH, Benadryl, Epi Pen, duck tape, Lighter,**
3. Where should you stand when inspecting your hive? **ON THE SIDES OR BACK, PREFERABLY THE SIDES.**
4. When inspecting a hive, first you take off the Telescope cover and do what with it? **TURN IT UPSIDE DOWN ON THE GROUND OR ON AN EMPTY BROOD CHAMBER. THIS IS NOW YOUR WORK BENCH**
5. What is the next step or steps? **REMOVE INNER COVER AND ALSO CHECK YOUR SYRUP SUPPLY; DO NOT REFILL AT THIS TIME.**
6. What is the smoker used for, how much and where? **TO CALM THE BEES, DRIVE THEM DOWN INTO THE HIVE, A COUPLE OF PUFFS AT ALL ENTRANCES**
7. What do you do if your hive has two brood chambers? **TAKE THE TOP ONE OFF FIRST; PUT IT ON YOUR WORK BENCH, CROSSWAYS. ALWAYS INSPECT THE BOTTOM CHAMBER FIRST.**
8. When inspecting your frames, you should start with frame #? **#2**
9. What do you do with this frame after you inspect it? **EITHER PUT IT ON YOUR FRAME RACK, OR LEAN IT UP AGAINST THE FRONT OF YOUR HIVE AWAY FROM YOUR FEET.**
10. When inspecting a frame how do you hold it and where? **HOLD BY THE EDGES OF THE TOP BAR AND ROTATE TOP TO BOTTOM, ALWAYS OVER THE HIVE.**
11. What should be looking for when inspecting your hive? **EGGS, LARVAE, PUPAE, POLLEN, HONEY STORES, BROOD PATTERN, ODD LOOKING MALFORMITES, AND CHEWED CAPPINGS.**

12. When installing a package, what size hole do you use for the wooden entrance reducer? **THE SMALL HOLE**
13. Do we teach spraying sugar water on a package of bee's at instillation? **NO!**
14. How many frames should you take out when installing a package? **4-5**
15. When installing the queen cage, what position should the candy end be? **CANDY SIDE UP.**
16. What direction should the queen cage face when installing the package? **THE SCREEN FACING THE FRONT ENTRANCE.**
17. How many days after installation should you check on your queen? **4/5DAYS**
18. Why is it important to give the queen and the worker bees a chance to get used to each other before the queen is released? **SHE IS NOT THE QUEEN OF THE HIVE AND IF RELEASED TOO SOON, THEY MIGHT KILL HER.**
19. What is the ratio of sugar to water for sugar syrup to feed in the spring? **1:1 4LBS OF SUGAR TO 8 CUPS OF WATER.**
20. When do you add the second brood chamber? **WHEN THE FIRST CHAMBER HAS 8-9 FRAMES BUILT OUT AND THEY ARE WORKING ON THE OTHERS.**
21. Why should you not let the sugar run out? **THERE IS NO NATURAL NECTAR AT THIS TIME. THEY ARE BUILDING WAX FOR FOOD STORAGE AND BROOD REARING.**
22. Why should you not fill your Top hive feeder all the way when you first install a package? **BECAUSE YOU WILL BE CHECKING IT IN A FEW DAYS AND YOU DON'T WANT IT TO FULL. IT'S TOO HARD TO MOVE IT AROUND.**
23. Why should you not use other beekeeper's tools including gloves? **YOU CAN SPREAD DISEASES THIS WAY.**
24. Why should you practice lighting your smoker? **CAUSE IT AINT EASY.**
25. What is burr comb and what should you do with it? **WAX THAT THE BEES PRODUCE TO FILL EXTRA SPACE IN A HIVE. REMOVE IT.**